

i30 N



SOMS4-BCU00 (EU | GEN5)
Language : English

Thank you for purchasing this multimedia system.

This user's manual explains how to use the HYUNDAI multimedia system.

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

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

Precautions for safe usage

- Driving while distracted can result in a loss of vehicle control, that may lead to an accident, severe personal injury, and death. The driver's primary responsibility is in the safe and legal operation of a vehicle, and use of any handheld devices, other equipment, or vehicle systems which take the driver's eyes, attention and focus away from the safe operation of a vehicle or which are not permissible by law should never be used during operation of the vehicle.
- Do not operate the multimedia system while driving.
- Do not disassemble, assemble, or modify the multimedia system.
- Do not watch the screen for prolonged periods of time while driving.
- Set the volume to a level which allows the driver to be aware of external conditions.
- Do not operate the multimedia system for prolonged periods of time with the vehicle ignition in ACC. Such operations may lead to battery discharge.

- Be cautious not to spill water or introduce foreign objects into the device.
- Do not cause severe shock to the device. Direct pressure onto the front side of the monitor may cause damage to the LCD or touch panel.
- In case of product malfunction, please contact your place of purchase or service centre.
- 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.

WARNING

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



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You may not otherwise reproduce, modify and distribute the content without HYUNDAI MnSoft, Inc's prior written consent.

Read the following safety precautions for your safety

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

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

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

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

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

For additional information and to obtain related materials including without limitation, the previous referred to licenses and software, please contact us at MOBIS_OSSrequest@mobis.co.kr

Notations used within this User's Manual

WARNING

- A WARNING indicates that a condition may result in harm, serious bodily injury or death if the warning is ignored.
-

CAUTION

- A CAUTION indicates that a condition may result in damage to your vehicle if the caution is ignored.
-

Information

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

NOTICE

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

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CAUTIONS Upon Using SD Cards

• Ejecting and Inserting SD Cards

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

• Usage of SD Cards

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

iPod®

iPod® is a registered trademark of Apple Inc.

***Bluetooth®* Wireless Technology**

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

Wi-Fi®

The Wi-Fi CERTIFIED™ Logo is a certifiemark of Wi-Fi Alliance.



part.1 Basic

Warnings and Cautions

Component Names and Functions

Starting the System for the First Time

Basic

Warnings

- Even when receiving route guidance from the Multimedia system, please abide by actual traffic and road regulations. Following only the Navigation route guidance may lead to violations of actual traffic and road regulations and lead to traffic accidents.
- Do not stare at the screen while driving. Staring at the screen for prolonged periods of time could lead to traffic accidents.
- Do not operate the Multimedia system while driving, such as entering POIs or conducting route searches. Such acts could lead to accidents, fire, or electric shock. Park the vehicle before operating the device.
- Do not disassemble, assemble, or modify the Multimedia system. Such acts could result in accidents, fire, or electric shock.
- Heed caution not to spill water or introduce foreign objects into the device. Such acts could lead to smoke, fire, or product malfunction.
- If you use phone related functions while driving, you will find it difficult to concentrate on operating the vehicle and the current traffic conditions, so the possibility of an accident may increase. Please use phone related functions only when parked.
- Please refrain from use if the screen is blank or no sound can be heard as these signs may indicate product malfunction. Continued use in such conditions could lead to accidents (fires, electric shock) or product malfunctions.
- Do not touch the antenna during thunder or lightning as such acts may lead to lightning induced electric shock.
- Do not stop or park in parking-restricted areas to operate the product. Such acts could lead to traffic accidents.
- For most multimedia modes, the display will not operate when the vehicle is in motion. For your safety, first park the vehicle to watch or view the screen.(The screen will only operate when the parking brake is ON for manual transmission vehicles and when the parking brake is ON or the gearshift is in the P (PARK) position for automatic.)

Cautions

Pay attention to traffic conditions while driving.

- In some instances, the navigation may provide guidance through restricted areas.
 - Operating the device while driving could lead to accidents due to a lack of attention to external surroundings. First park the vehicle before operating the device. In addition, the touch screen may not work for some functions when the vehicle is in motion. The touch screen feature will be supported once the vehicle has stopped.
 - Adjust the volume to levels that allow the driver to hear sounds from outside of the vehicle. Driving in a state where external sounds cannot be heard may lead to accidents.
- Pay attention to the volume setting when turning the device on. A sudden output of extreme volume upon turning the device on could lead to hearing impairment. (Adjust the volume to a suitable levels before turning off the device.)
 - Turn on the car ignition before using this device. Do not operate the Multimedia system for long periods of time with the ignition turned off as such operations may lead to battery discharge.
 - Upon using the Multimedia system for more than 10 minutes with the car engine turned off, the following warning will be displayed. After 10 minutes, the warning will be displayed for 5 seconds every 1 minute.
 - Do not subject the device to severe shock or impact. Direct pressure onto the front side of the monitor may cause damage to the LCD or touch screen.
- When cleaning the device, make sure to turn off the device and use a dry and smooth cloth. Never use tough materials, chemical cloths, or solvents(alcohol, benzene, thinners, etc.) as such materials may damage the device panel or cause colour/quality deterioration. When experiencing product concerns, inquire with your place of purchase or service maintenance centre.
 - Prevent caustic solutions such as perfume and cosmetic oil from contacting the dashboard because they may cause damage or discolouration.
 - If the air freshener gets on to audio system or plastics, then it could cause the crack due to its chemical reaction. Please be careful when you use air fresheners near those products. Especially be careful when you have attached air freshener on the air vents. The liquid can be flow down.

Component Names and Functions

Head Unit



Name		Description
1	RADIO	Moves to DAB (if equipped)/FM or AM mode. <ul style="list-style-type: none"> Each time the key is pressed, the mode is changed in the following order: DAB (if equipped)/FM → AM → DAB (if equipped)/FM.
2	MEDIA	Moves to MEDIA mode. <ul style="list-style-type: none"> If the media is not connected, MEDIA mode will not be activated.
3	SEEK TRACK	When the key is pressed quickly (less than 0.8 seconds), <ul style="list-style-type: none"> DAB(if equipped)/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.) FM, AM mode: plays previous/next available frequency. MEDIA mode: changes the track, file or title (except for AUX). When the key is pressed and held (over 0.8 seconds), <ul style="list-style-type: none"> DAB(if equipped)/FM mode: plays previous/next available station existing within List menu. FM, AM mode: moves quickly through all of the frequencies. The moment that you release the button, the system seeks the next available frequency. MEDIA mode: rewinds or fast forwards the track or file (except for Bluetooth Audio and AUX).
4	MAP	Moves to the map for the current position.
5	NAV	Takes you to the menu screen where you can find your destination and set the route.












Name		Description
6	★	Displays the function set by the user.
7	⚙️	Moves to the Setup screen.
8	● TUNE	<ul style="list-style-type: none"> • DAB(if equipped)/FM mode: turns left/right to search for a desired station and then press it. • AM mode: turns left/right to tune manually. • MEDIA mode: changes the track, file or title (except for Bluetooth Audio and AUX).
9	● POWER/VOLUME	<ul style="list-style-type: none"> • When power is off, press to turn power on. • When power is on, press and hold for over 0.8 seconds to turn the power off. • When power is on, press shortly for less than 0.8 seconds to turn Audio off. • Turn left/right to adjust the volume.
10	RESET	Resets the system settings. (Preset radio channels and other data will not be deleted)
11	SD	SD card insert slot

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



Steering Wheel Control



Name	Description
1	 For more details, refer to Phone Projection guide.
2	  Use to adjust the volume of audio or call.
	 <ul style="list-style-type: none"> Mutes the audio. (It will be paused in some media modes.) Mutes the microphone during a call.

Name	Description
3	 <ul style="list-style-type: none"> Each time this key is pressed, mode is changed in the following order: DAB (if equipped)/FM → AM → USB or iPod → AUX → Bluetooth Audio → DAB (if equipped)/FM.  You can select which mode to use in Advanced settings. If the media is not connected, the corresponding modes will be disabled. Press and hold the key (over 0.8 seconds) to turn the multimedia system on/off. When power is off, press the key to turn power back on.
4	  <p>When the key is pressed quickly (less than 0.8 seconds),</p> <ul style="list-style-type: none"> DAB(if equipped)/FM mode: plays previous/next favourites. FM, AM mode: plays previous/next favourites. MEDIA mode: changes the track, file or title (except for AUX) <p>When the key is pressed and held (over 0.8 seconds),</p> <ul style="list-style-type: none"> DAB(if equipped)/FM mode: plays previous/next available station existing within  menu. FM, AM mode: moves quickly through all of the frequencies. The moment that you release the button, the system seeks the next available frequency. MEDIA mode: quickly looks up songs (except for Bluetooth Audio and AUX)



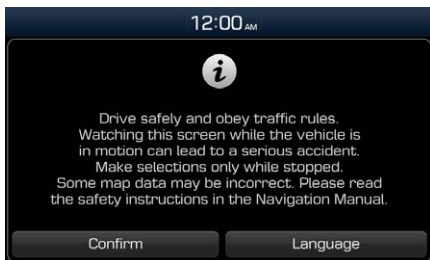
Name	Description
<p data-bbox="831 356 847 378">5</p> 	<p data-bbox="991 157 1481 208">When the key is pressed quickly (less than 0.8 seconds),</p> <ul data-bbox="991 210 1481 342" style="list-style-type: none"> <li data-bbox="991 210 1445 236">• When pressed in the dial screen, makes a call <li data-bbox="991 238 1481 288">• When pressed in the incoming call screen, answers the call <li data-bbox="991 291 1481 342">• When pressed during call waiting, switches to waiting call (Call Waiting) <p data-bbox="991 344 1481 395">When the key is pressed and held (over 0.8 seconds),</p> <ul data-bbox="991 397 1481 580" style="list-style-type: none"> <li data-bbox="991 397 1481 445">• When pressed in Bluetooth® Hands-free, redials the last dialed call <li data-bbox="991 448 1481 498">• When pressed during a Bluetooth® Hands-free call, switches call back to mobile phone (Private) <li data-bbox="991 500 1481 580">• When pressed while calling on the mobile phone, switches call back to Bluetooth® Hands-free (operates only when Bluetooth® Hands-free is connected)
<p data-bbox="831 624 847 647">6</p> 	<ul data-bbox="991 596 1481 669" style="list-style-type: none"> <li data-bbox="991 596 1465 622">• When pressed during a call, ends the phone call <li data-bbox="991 624 1481 669">• When pressed in the incoming call screen, rejects the call

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

Starting the System for the First Time

Turning the System On/Off

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



Pressing the power key on the head unit will display the safety guide.

NOTICE

- Cannot operate the system while it is booting up.

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

Information

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

NOTICE

- Check the volume when turning on the system. Before turning on the system, adjust the volume to a reasonable level.

System Reset



The System Reset function restores the system when it is not operating correctly. Press and hold the RESET key for a second or longer. (It is recommended that you press the RESET key using a tool, such as a pin or a clip.)

Battery Warning Message

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



CAUTION


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

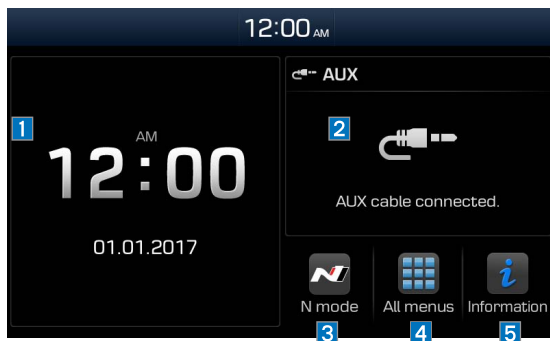
Restrictions on Features for Safety Measures

Several features are limited while driving. The restriction screen will disappear when shifting gears into P or putting the parking brake on.

Home Screen

Controls Menu Configuration for the Home Screen

Tap the  icon on any screen to display the Home Screen below.














Features	Description
1 Navigation Widget	<ul style="list-style-type: none">Provides a brief view of the navigation map and the route screen.Touch any area on the screen to move to the navigation screen.
2 AV Widget	<ul style="list-style-type: none">Shows brief information on the radio or media currently playing.Touch the area to move to the mode for what you are listening to.
3 N mode	Moves to the N mode screen.
4 All menus	Shows all of the items in the system menu.
5 Information	Moves to the Information screen.

Information Display on the Status Bar

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

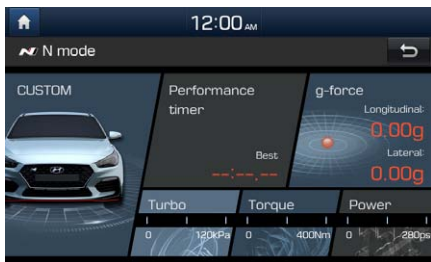
The icons in the following table indicate the various types of system status details and events.

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

N Mode

N Mode is a function that sets the Drive Mode or provides real-time information for optimised driving performance.

Select **N Mode** on the Home Screen.



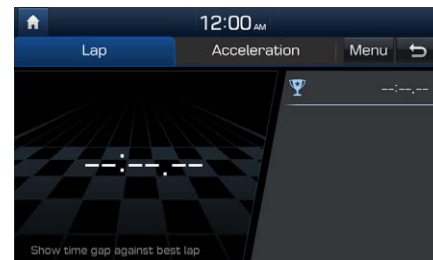
CUSTOM

The CUSTOM screen provides settings for the Powertrain (Engine, Rev matching, etc.) and Chassis (Suspension, Steering Wheel, etc.) Drive Modes (Normal, Sport, etc.).



Performance timer

The Lap screen shows a history of the most recent lap times or best lap time.



The Acceleration screen allows you to measure the time it takes to reach the set speed.



g-force

The g-force screen displays real-time information on the acceleration of the vehicle's front, back and sides while driving.



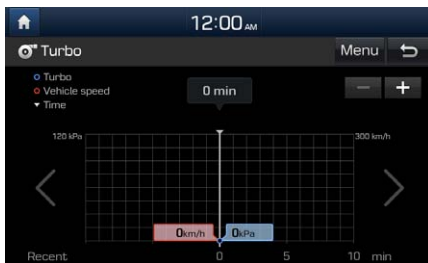
Torque

The Torque screen provides real-time information on the vehicle's torque and speed while driving.



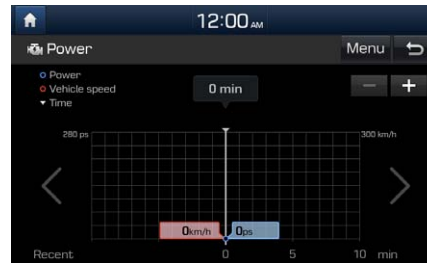
Turbo

The Turbo screen provides real-time information on the Turbocharger boost pressure (kPa) and vehicle speed while driving.



Power

The Power screen provides real-time information on the vehicle's horsepower and speed while driving.



My Menu

Adding a Feature to My Menu

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



i Information

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

On-Screen Touch Controls

Learn how to touch the screen to operate the system.

Select

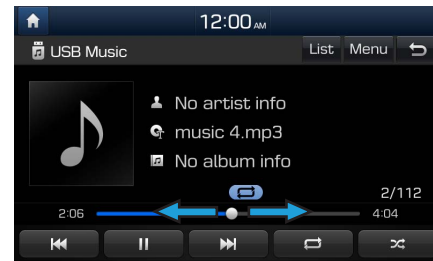
Tap lightly on a menu or an item to select it.

NOTICE

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

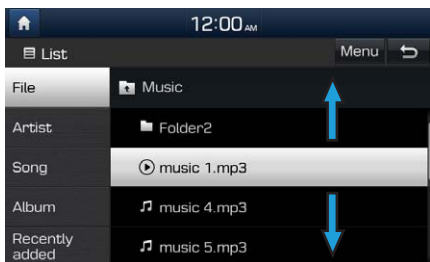
Drag & Drop

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



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

Flick (Quick Scrolling)





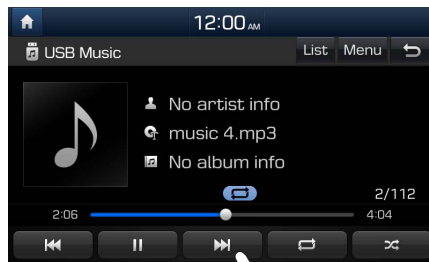
Quickly moves up and down in the list.

NOTICE

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

Select and Hold

Selecting and holding the  or  button in the music player will rewind or fast forward the music.



MEMO

part.2 Radio/Media

DAB (if equipped)/FM, AM

USB

iPod

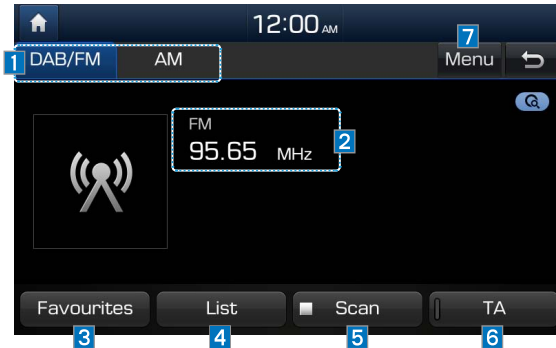
AUX

Bluetooth® Audio

Radio/Media

DAB (if equipped)/FM, AM

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



Features	Description
1 Mode Display	<ul style="list-style-type: none">• Displays currently operating mode.• Tap the desired mode to change to it in Radio.
2 Frequency	Displays Station name or Frequency.
3 Favourites	Show the stored Favourites for user selection. <ul style="list-style-type: none">• Saving favourites It saves the listening station to desired favourites list. Select the desired station. ▶ Select Favourites . ▶ Select the desired favourites number. If you want to overwrite an existing favourites, press and hold the respective favourites number.
4 List	Takes you to the FM station list
5 Scan	Shortly plays the broadcasts for the frequencies with superior reception for 5 seconds per item.
6 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.
7 Menu	Sound settings : moves to the sound settings. DAB (if equipped) <ul style="list-style-type: none">• Manual tune FM : moves to the Manual tune FM• Regional : Enables switching to regional frequencies. Audio content may differ from current tuned frequency.



Features	Description
<p>8 SEEK/TRACK</p>	<p>When the key is pressed quickly (less than 0.8 seconds),</p> <ul style="list-style-type: none"> • DAB(if equipped)/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.) • AM mode: plays previous/next available frequency. <p>When the key is pressed and held (over 0.8 seconds),</p> <ul style="list-style-type: none"> • DAB(if equipped)/FM mode: plays previous/next available station existing within List menu. • AM mode: moves quickly through all of the frequencies. The moment that you release the button, the system seeks the next available frequency.
<p>9 TUNE</p>	<ul style="list-style-type: none"> • DAB(if equipped)/FM mode: turns left/right to search for a desired station and then press it. • AM mode: turns left/right to tune manually.

USB

Before Playing a USB MP3

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

- Files that are not standard format music files will not be played.
 - For MP3/WMA/OGG files, only music files with compression rates between 8 kbps to 320 kbps can be played.
 - 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.
 - Only products formatted with byte/sectors under 64 kbyte will be recognised.
 - USB devices, formatted to the FAT12, FAT16, or FAT32 file system are recommended. File systems other than FAT12, FAT16, FAT32, exFAT, and NTFS are not supported.
 - Some USB devices may not be supported due to compatibility issues.
- Take caution so that the USB connector does not come in contact with body parts or objects.
 - Repeated connecting/disconnecting of USB devices within short periods of time may result in product malfunction.
 - Make sure to connect/disconnect external USB devices with the audio power turned off.
 - The amount of time required to recognise the external USB device may differ depending on the type, size, or file formats stored on the USB.
 - The use of USB devices for purposes other than playing music files is prohibited.
 - Do not use the USB I/F to charge batteries or USB accessories that generate heat. Such acts may lead to worsened performance or damage to the device.
 - The device may not 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 using mass storage USB devices with separate logical drives, only files saved to the root drive can be played.
 - When application programs are installed to specific USBs, files may not properly play.

- The device may not operate normally if MP3 Players, cellular phones, digital cameras, or other electronic devices (USB devices not 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.
- Upon playing iPods, please use a dedicated iPod car cable.
- Normal operations cannot be guaranteed when other cables are being used.
- The device will not support files locked by DRM(Digital Rights Management).
- USB memory sticks used by connecting an Adaptor (SD Type or CF Type) may not be properly recognised.
- Only use Plug type connector products, as shown in the figure below.
- To play USB MP3, the USB device must be connected to the USB port in the front multibox. The USB port in the centre console storage (if equipped) is for charging only.



Plug Type Connector

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

i Information

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

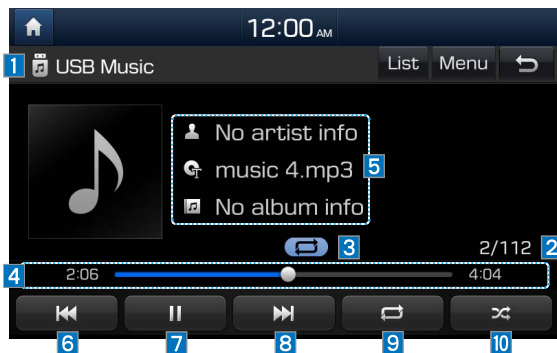
Supported USB music specifications

Name	Description
Audio File Specification	MPEG-1/2 layer3 ,OGG (Vorbis), FLAC WMA (Standard/Professional)
Recommended Bit Rates and Sampling Frequency	MPEG-1/2 layer 3 <ul style="list-style-type: none"> • 8 kbps to 320 kbps (CBR or VBR), to 48 kHz • ID3 Tag: Supports ID3v1.0 and ID3v1.1, ID3v2.3, ID3v2.4 ID3 tags
	OGG (Vorbis): From Q-1 to Q10, to 48 kHz
	FLAC: 8 bit/16 bit/24 bit, to 48 kHz
Detailed Specifications	WMA <ul style="list-style-type: none"> • Standard (0x161): to support L3 Profile: to 385 kbps, to 48 kHz • Professional (0x162): to support M0b: to 192 kbps, to 48 kHz
	<p>Maximum directory layers: 20 layers</p> <p>Maximum length of folder name/file name: 255 bytes</p> <p>Supported characters for folder name/file name: Alphanumeric characters, Korean standard character set 2,350 characters, Simplified Chinese 4888 characters</p> <p>Maximum number of folders which can be stored onto one USB: 2000 folders (including ROOT)</p> <p>Maximum number of files which can be stored onto one USB: 8000</p>

i Information

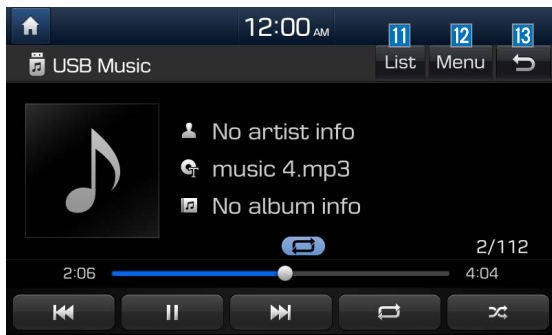
- The sound quality of audio files that use bitrates exceeding 192 kbps cannot be guaranteed. When using files without fixed bit rates, some features (FF/REW features) may not operate properly.

USB Music

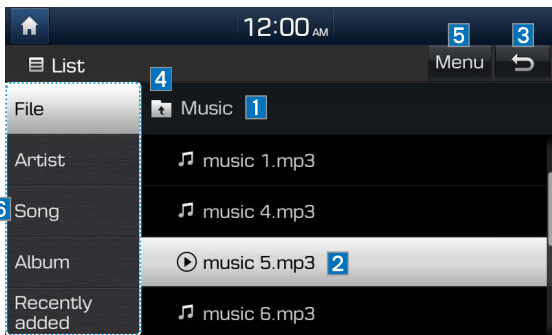


Features	Description
1 Mode	Displays current operating mode
2 File Index	Shows the current file/total files within the USB
3 Repeat/ Shuffle	From Repeat/Shuffle, displays the current operating function
4 Play Time	Displays the current play time/total play time
5 Song Info	Displays the artist/title/album info

Features	Description
6 Previous File	<ul style="list-style-type: none"> If the button is selected (less than 0.8 seconds): moves to the previous file or play the current file from the beginning (depends on the play time) <ul style="list-style-type: none"> If play time is less than 3 seconds, moves to previous file If play time is over 3 seconds, play the current file from the beginning If the button is selected (over 0.8 seconds): it rewinds the track
7 Play/Pause	Plays/pauses the current file
8 Next File	<ul style="list-style-type: none"> If the button is selected (less than 0.8 seconds): moves to the next file If the button is selected (over 0.8 seconds): it fast-forwards the track
9 Repeat	<p>Repeats the current file.</p> <ul style="list-style-type: none"> If select the file in the file tab on the list screen: select this button to switch between repeating the current file, repeating folder, and repeating all files. If select the file in the other tabs on the list screen: select this button to switch between repeating the current file and repeating all files.
10 Shuffle	<p>Plays files in random order.</p> <ul style="list-style-type: none"> If select the files in the file tab on the list screen: select this button to switch between shuffle folder, shuffle all, and turning off. If select the file in the other tabs on the list screen: select this button to switch between shuffle category and turning shuffle off.



Features	Description
11 List	Moves to the list screen
12 Menu	<ul style="list-style-type: none"> Delete current file: a selected file can be deleted. Deleted file can be found in the 'to_delete' folder. i This function is only supported when USB format is compatible with FAT16 or FAT32. Sound settings: moves to the sound settings.
13 Back Button	Converts to basic mode screen
14 TUNE	Turn the TUNE knob to search a desired track. If the desired track is displayed, press the TUNE knob to play the track.



Features	Description
1 Folder/Category Name	Displays folder/category name in the list
2 Current Song	Displays current playing file name
3 Back Button	Converts to basic mode screen
4 Upper Folder/Category	Moves to upper folder/category
5 Menu	Show current track: when moving to a different list screen, moves to the list page where the current file is located (becomes disabled when the current list includes the current file)
6 Search Menu	Search songs by the list type
7 SEEK/TRACK	<ul style="list-style-type: none"> When the key is pressed quickly (less than 0.8 seconds), Plays previous/next track. When the key is pressed and held (over 0.8 seconds), Moves to play screen, and then it will rewind or fast-forward the track.
8 TUNE	Turn the TUNE knob to move the focus to the previous/next list. If the desired track is displayed, press TUNE knob to play the track.

iPod

Using iPod Devices

- iPod is a registered trademark of Apple Inc.
- iPod mode will not operate if the connected iPod cannot be recognised due to operation of unsupported versions that do not support related protocols, iPod abnormalities, or iPod device defects. Some iPods with unsupported communication protocols may not properly operate with the Multimedia system.
- For fifth generation iPod Nano devices, the iPod may not be recognised when the battery level is low. Please charge the iPod for use.
- Search/play orders shown within the iPod device may differ with the orders shown within the Multimedia system.
- If the iPod malfunctions due to an iPod device defect, reset the iPod and try again. (To learn more, refer to your iPod manual)
- If repeatedly connect and disconnect iPod/iPhone to the Multimedia system with USB cable in short time, it may cause abnormal operation.
- The time for recognition of iPod/iPhone may vary depending on device type, firmware version and iOS version.
- For some iPod Touch and iPhone devices, connecting Bluetooth® while the iPod is operating may result in discontinued iPod sound. When such devices with Bluetooth® support are connected, this problem occurs as the sound source is changed from the Dock Connector (USB connector cable) to Bluetooth.
- To prevent this symptom, Bluetooth Audio function in the Multimedia system is limited if iPod/iPhone is connected to the system through both cable and Bluetooth. To listen to the iPod sound, use either iPod menu with USB connection or Bluetooth Audio with Bluetooth connection.
- To listen to the iPod sound, reconnect the USB cable or change the audio output settings in iPod/iPhone to Dock.
- In order to use the iPod while operating the keys, you must use a dedicated iPod cable. (the cable that is supplied when purchasing iPod/iPhone products)

- ※ During ACC ON state, connecting the iPod through the iPod cable (The cable that is supplied when purchasing iPod/iPhone product.) will charge the iPod through the head unit.
 - ※ The use of genuine iPod cables supplied by Apple is recommended. (The use of other products may result in noise or abnormal operation.)
 - ※ To play iPod music through cable connection, the iPod/USB cable must be connected to the USB port in the front multibox. The USB port in the centre console storage (if equipped) is for charging only.
- When connecting with the iPod cable, make sure to fully insert the jack to prevent communication interference. If the iPod is connected to the vehicle while it is playing, a high pitch tone may sound for about 1 to 2 seconds immediately after connection. If possible, connect the iPod to the vehicle with the iPod stopped/paused.
 - Within iPhones, streaming audio and iPod control may occasionally conflict. If problems persist, remove the iPhone and connect again.
 - When connecting to iPod Nano/Classic, the HYUNDAI logo appears on the Apple device. For the iPod Nano 6 generation, however, the logo image does not appear since it is not supported. Also, all iPhone and iPod Touch products do not support this function.
- In Apple's iOS 6.0 version or later, Podcast and Audiobook media files are designed to be played with the Podcasts and iBooks applications specifically designed for Apple products. If the Apple device does not provide the Podcast and Audiobook lists, the playlist may not be displayed and played in the iPod mode.
 - If the Apple Podcasts and iBooks apps are not installed on the Apple device, but the Apple device provides the Podcast and Audiobook lists, you can play files in other categories in iPod mode.
 - The screen of multimedia system can be different when you run other music players (e.g. iHeartRadio) on your connected device.

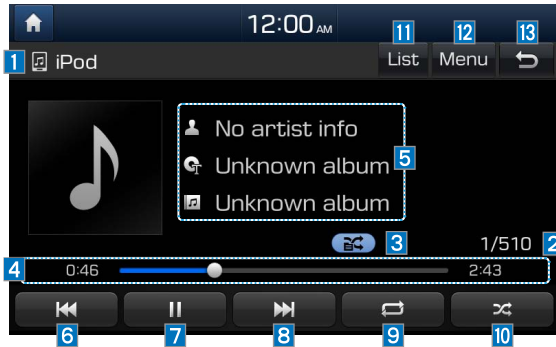
- While using a connected iPhone/iPod Touch device, it may not operate normally if the user changed some functions in the device.
- When calling with an iPhone connection, song may stop playing due to an Apple device feature. If sound does not resume after the call is terminated, check the device status.
- If lots of songs have the same information, skipping may occur when previous/next song is executed due to an Apple device feature. Also problems may occur depending on device type or iOS version.
- If lots of songs have the same information, it may occur difference of playing songs between the Multimedia system and Apple device. Reset the device or delete the same songs in the Apple device using iTunes.
- If you control pause, repeat, shuffle, or seek songs when the play time is less than 3s before finished playing, it may occur difference of playing song between the Multimedia system and Apple device. Access to iPod music from another mode or pause a song and then play a song again in Apple device.
- If the iPhone/iPod Touch supports Bluetooth, it is unable to use Bluetooth Audio if the Apple device that is connected to the Multimedia system through both USB connection and Bluetooth. Disconnect the USB connection then use Bluetooth Audio.
- If iPod/iPhone connected to the Multimedia system through both USB and AUX. iPod/iPhone keeps output sound via AUX, thus it may occur sound will not output in iPod mode.
- If AUX cable connected to iPod/iPhone but not connect to the Multimedia system, it may occur sound will not output in iPod mode due to iPod/iPhone's feature.
- Disconnect AUX cable from iPod/iPhone first, then connect to the Multimedia system via USB. Or change settings to "Dock" in iPod/iPhone.
- If connect to the Multimedia system while podcast or iTunes music downloading to iPod/iPhone, it may occur some problems when you select song in the list. Reconnect iPod/iPhone to the Multimedia system when downloading is finished or the file deleted.
- If connect to the Multimedia system while sync, it may occur some problems. Try to use iPod/iPhone connection after sync complete. (To learn more, refer to your iPod manual)

- iPhone and iPod Touch devices are guaranteed to work normally on iOS 9.3.2 or below. However, they may not work normally on future iOS versions as their operations have not yet been tested.
- We recommend that your Apple device uses the latest firmware since some problems may occur due to an outdated firmware or other software related issues.

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

Type	3G	3GS	4	4S	5	5C	5S	6	6+	6S	6S+	SE	7	7+
iPhone	Not verified, Normal operation not guaranteed	○	○	○	○	○	○	○	○	○	○	○	○	○





iPod

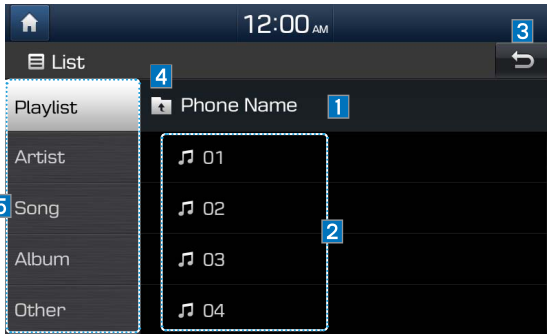


Features	Description
1 Mode	Displays current operating mode
2 Song Index	Shows the current song/total songs
3 Repeat/ Shuffle	From Repeat/Shuffle, displays the current operating function
4 Play Time	Displays the current play time/total play time
5 Song Info	Displays the artist/title/album info

Features	Description
6 Previous File	<ul style="list-style-type: none"> If the button is selected (less than 0.8 seconds): moves to the previous file or play the current file from the beginning (depends on the play time) - If play time is less than 3 seconds, moves to previous file - If play time is over 3 seconds, play the current file from the beginning If the button is selected (over 0.8 seconds): it rewinds the track
7 Play/Pause	Plays/pauses the current file
8 Next File	<ul style="list-style-type: none"> If the button is selected (less than 0.8 seconds): moves to the next file If the button is selected (over 0.8 seconds): it fast-forwards the track
9 Repeat	Repeats the current song. Select this button to switch between repeating the current song and repeating all songs.
10 Shuffle	Plays songs in random order. Select this button to switch between shuffle category and turning shuffle off. <ul style="list-style-type: none"> Shuffle Category: shuffle song in the current category.
11 List	Moves to the list screen
12 Menu	Sound settings: moves to the sound settings.
13 Back Button	Move to home/previous mode screen



Features	Description
14 TUNE	<p>Turn the  TUNE knob to search a desired track. If the desired track is displayed, press the  TUNE knob to play the track.</p> <p> If you do not do anything with the  TUNE knob for 5 seconds of searching tracks, the track info for the current track is restored.</p>



Features	Description
1 Category Name	Displays the category name
2 Category List	Displays the contents of selected category <i>i</i> If there are many items in the list, items are added in order and the scroll bar on the right is adjusted accordingly.
3 Back Button	Converts to basic mode screen
4 Upper Category	Moves to upper category
5 Search Menu	Search songs by the list type
6 SEEK/TRACK	<ul style="list-style-type: none"> When the key is pressed quickly (less than 0.8 seconds), Plays previous/next track. When the key is pressed and held (over 0.8 seconds), Moves to play screen, and then it will rewind or fast-forward the track.
7 TUNE	Turn the TUNE knob to search a desired track. If the desired track is displayed, press the TUNE knob to play the track. <i>i</i> If you do not anything with the knob for 5 seconds, the TUNE knob search will be terminated.

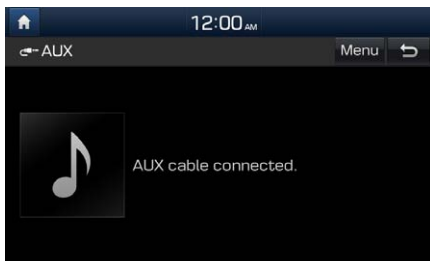
AUX

Connecting an External Device

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

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

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



NOTICE

- If only a cable is connected to the AUX without an external device, the mode will be changed to AUX, but noise may occur. When an external device is not being used, remove the connector jack.
- When the external device power is connected to the power jack, playing the external device may output noise. In such cases, disconnect the power connection before use.



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

Bluetooth® Audio



Features	Description
5 Previous File	<ul style="list-style-type: none"> If play time is less than 3 seconds, moves to the previous file If play time is over 3 seconds, plays the current file from the beginning i This function may differ depending on the model of mobile phone
6 Play/Pause	Plays/Pauses Bluetooth Audio
7 Next File	Moves to the next file
8 Repeat	Repeats the current file. i This function may differ depending on the model of mobile phone.
9 Shuffle	Plays files in random order. i This function may differ depending on the model of mobile phone.
10 Menu	<ul style="list-style-type: none"> Connection settings: moves to the Bluetooth connections. You can pair a new device or change/delete paired device(s). Sound settings: moves to the sound settings.
11 SEEK/TRACK	Plays the previous/next file
12 TUNE	T TUNE is not supported.

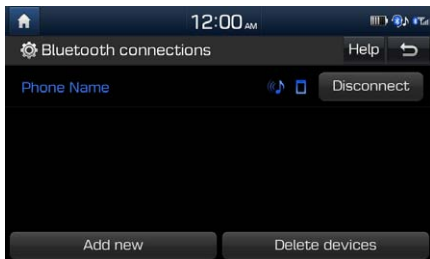
i Information

- Artist info and Title may not be supported by mobile phone.
- While in use of other functions after connecting your mobile phone through a USB cable, the Bluetooth audio is disabled.

Features	Description
1 Mode	Displays current operating mode
2 Phone Name	Displays name of connected phone
3 Artist Info	Name of current artist
4 Title	Name of current song

Bluetooth connections

Settings for pairing, connection and disconnection of a Bluetooth device.



- In Bluetooth Audio play screen, select **Menu** and then **Connection settings**.

i Information

- If the music in the mobile phone is not played after changing to audio streaming mode, press the play button. Thus check if the music is playing in the Bluetooth device after changing to audio streaming mode. Audio streaming may not be supported for some mobile phones.
-

MEMO

part.3 Bluetooth

Before Using the Bluetooth[®] Handsfree
Bluetooth Connection
Bluetooth Phone

Bluetooth

Before Using the Bluetooth® Handsfree

What is Bluetooth® Wireless Technology?

- *Bluetooth*® Wireless Technology refers to a short-distance wireless networking technology which uses a 2.45 GHz 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 Multimedia system.

- The Bluetooth® Handsfree feature may not be supported in some mobile phones.

Precautions for Safe Driving

- Bluetooth® 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 phonebook. Before using *Bluetooth*® Wireless Technology, carefully read the contents of this user'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.
- Even if the phone supports *Bluetooth*® Wireless Technology, the phone will not be found during device searches if the phone has been set to hidden state or the Bluetooth® power is turned off. Disable the hidden state or turn on the Bluetooth® power prior to searching/connecting with the head unit.
- If Auto Connection is used, the Bluetooth® phone is automatically connected when the ignition is turned on, making it unnecessary to have to connect the phone with the head unit every time.
- If you do not want automatic connection with your Bluetooth® device, turn the Bluetooth® feature off of the Bluetooth® device.
- Park the vehicle when connecting the head unit with the mobile phone.
- Bluetooth® connection may become intermittently disconnected in some mobile phones. Follow these steps to try again.
 1. Turn the Bluetooth® function within the mobile phone OFF/ON and try again.
 2. Turn the mobile phone power OFF/ON and try again.
 3. Completely remove the mobile phone battery, reboot, and then again.
 4. Reboot the Multimedia System and try again.
 5. Delete all paired devices from both of Phone and Head Unit sides and then try again.
- The Handsfree call volume and quality may differ depending on the mobile phone.
- Pairing Bluetooth® devices and use of other Bluetooth® features are not supported when the vehicle is in motion. For safety, please first park your vehicle.
- If you continue having issues with downloading contacts, please check the mobile phone status or inquire of the mobile phone manufacturer.

Bluetooth Connection


Pairing a New Device

Before you can use the Bluetooth feature, you must first pair/connect your mobile phone to your car.


Up to 5 Bluetooth devices can be paired.

Only one Bluetooth device can be connected at a time.

Pairing a New Device by Selecting Phone/Call

Press  key in the steering wheel control ▶ Pair your car after your mobile phone detects the Bluetooth device ▶ Enter the passkey or accept the authorisation popup ▶ Connect Bluetooth.

Pairing a New Device Through the Phone Settings

Press  key ▶ Select **Bluetooth** ▶ **Bluetooth connections** ▶ **Add new** ▶ Pair your car after your mobile phone detects the Bluetooth device ▶ Enter the passkey or accept the authorisation popup ▶ Connect Bluetooth.



The default passkey is 0000.


The vehicle name above is an example.

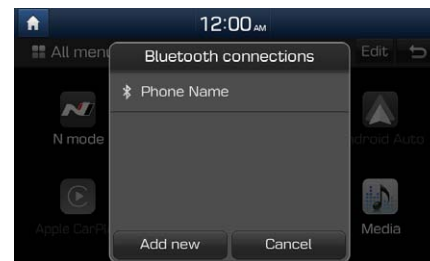
Check the actual information on the product.

Connecting Bluetooth Devices

Connects the Bluetooth devices that you add.

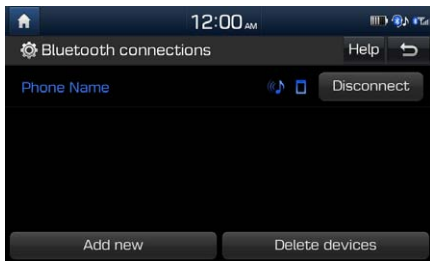
Connecting Devices by Selecting Phone/Call

Press  key in the steering wheel control ▶ Select the name of the device to connect ▶ Connect Bluetooth.



Connecting Devices Through the Phone Settings

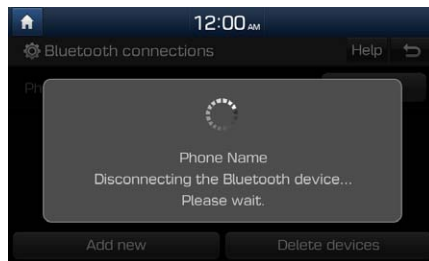
Press **Settings** key ▶ Select **Bluetooth** ▶ **Bluetooth connections** ▶ Select the name of the device to connect ▶ Connect Bluetooth.



Disconnecting Bluetooth Devices

Disconnects Bluetooth devices that are connected.

Press **Settings** key ▶ Select **Bluetooth** ▶ **Bluetooth connections** ▶ Select the name of the device to disconnect.



Deleting Bluetooth Devices

Deletes the Bluetooth devices that you added. Note that deleting a Bluetooth device will delete all Call History and Contact Info downloaded along with it.

Press **Settings** key ▶ Select **Bluetooth** ▶ **Bluetooth connections** ▶ **Delete devices** ▶

Select the device name to delete ▶ Select **Delete**.












Bluetooth Phone

Phone Status Icons

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



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

i Information



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

Dial

Dials a call after the Bluetooth devices are connected.

Select **All menus** from the Home screen display ► **Phone** ► **Dial**.

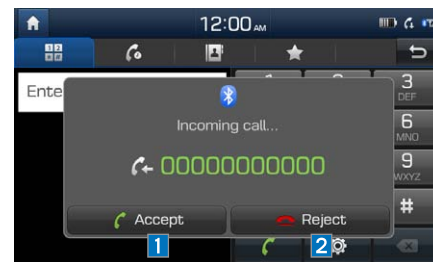


Name	Description
1 Keypad	Use the keypad to enter the phone number that you want to call. Select and hold the last number of a speed dial to dial a number that you added to the Speed Dial list in the phone.
2 Call	Makes a call after you dial a number and select  . If the number is listed in Dialed Calls,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

i Information

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

Accept/Reject Call



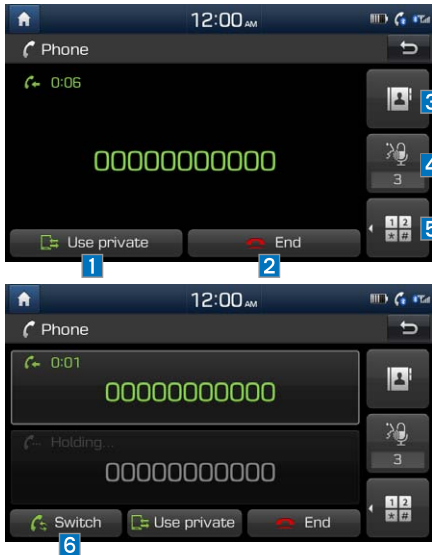
If there is an incoming call after you made a Bluetooth connection, a popup message will appear.

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

i Information

- In some mobile phones, the caller's number may not be displayed, and the Reject feature may not be supported.

Using the Menu During a Phone Call



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

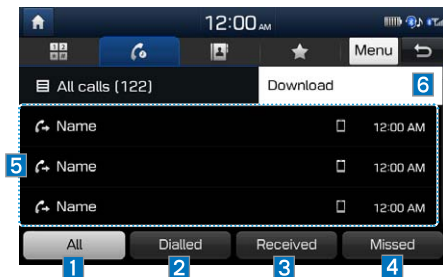
Name	Description
1 Use private	Switches a voice call from the car Hands-free to the mobile phone.
2 End	Ends a call.
3 Contacts	Displays the Contacts list.
4 Outgoing Volume	Displays the Mic Volume settings. You can adjust the in-call volume that the other party hears (level 1 - 5).
5 Keypad	Moves to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

i Information

- If the caller's number is listed in Contacts, the caller's name will be displayed. Otherwise, only the number will be displayed. In some mobile phones, the phone number may not be displayed.
- In some Bluetooth devices, the Use Private feature may not be supported.
- In some Bluetooth devices, the Switch feature may not be supported.
- Depending on handset types, the in-call volume the other party hears may differ. If the other party hears your voice too low or too loud, adjust the mic volume.

Call History

Select All menus ► Phone ► Call History .



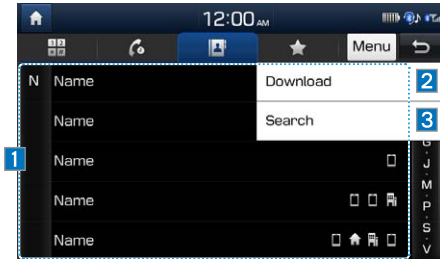
Name	Description
1 All	Lists the all call history.
2 Dialled	Lists the calls that you made.
3 Received	Lists the calls that you have received.
4 Missed	Lists the calls you missed.
5 Call History	Displays all of your call history. Select from the list to dial the number.
6 Download	Downloads the call history information from your mobile phone.

i Information

- In some mobile phones, call records may not be added to your Call History.
- Calls from restricted ID's are not added to your Call History Information.
- Up to 50 calls can be added in each Dialed Calls/Received Calls/Missed Calls list.
- The durations of each dialled/received call are not displayed in your car's Call History list.
- While the call history download is in progress, the status bar displays an icon (4).
- If the call history download is turned off on the Bluetooth device, the call history download will fail.
- Some devices require a device authentication for downloading your call history. If download fails, check if the Bluetooth settings or display status are normal.
- Some devices do not support call history download. Check if your Bluetooth device supports download feature.

Contacts

Select All menus ► Phone ► Contacts .



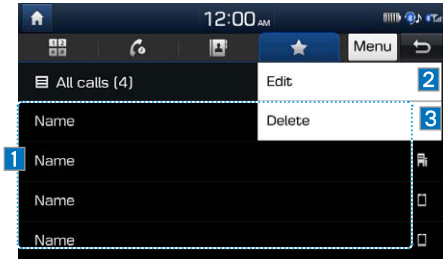
Name	Description
1 Contacts List	The list of Contacts. Select from the list to dial the number.
2 Download	Downloads contacts from your mobile phone.
3 Search	Searches Contacts.

i Information

- Up to 5000 phone numbers can be downloaded from a single, paired Bluetooth device.
- You cannot edit or delete downloaded phone numbers from your car.
- Contacts can be viewed only when the Bluetooth device is connected.
- Even if the Bluetooth device is disconnected, the downloaded data will remain. (Note that deleting a paired phone will also delete all downloaded Contacts and Call History data)
- Downloaded phone numbers may be lost depending on the condition of the Multimedia system. Keep your important data in a safe place.
- Only supported contacts format can be downloaded and displayed from the Bluetooth device, contacts from some applications will not be included.
- Contacts from both the SIM card and your mobile phone are downloaded at the same time by default.
- The status bar displays a (📶) while downloading contacts.
- The download will not be available if the contacts download function is turned off on your Bluetooth device.
- Some devices require a device authentication for downloading your contacts. If download fails, check your phone screen and confirm the download if necessary.
- Some devices do not support contacts download feature. Check if your Bluetooth device supports contacts download.

Favourites

Select All menus ▶ Phone ▶ Favourites .



Name	Description
1 Favourites	Lists the phone numbers saved as Favourites. Select from the list to dial the number.
2 Edit	Add or delete numbers from favourites.
3 Delete	Deletes numbers that you select from Favourites.

MEMO



part.4 Navigation

Getting start with navigation

Searching for destination

Using the route menu

Connected services

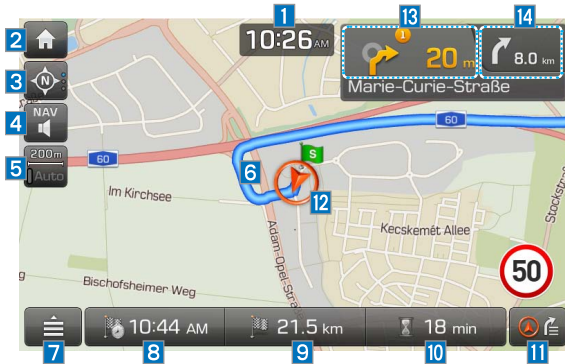
Navigation settings

Navigation

Getting start with navigation


Map screen

Basic features on the map screen.



	Name	Description
1	10:03 ...	Display current time.
2		Move to home menu screen.
3		Change the map view perspective.
4		Adjust the navigation volume.
5		Display the current map scale.
6		Display the route guidance to the destination when a route is set.
7		Move to quick menu screen.
8		Display the expected time of arrival.
9		Display the remaining distance to the destination.
10		Display the remaining time until the arrival at the destination.
11		Turns the TBT (Turn By Turn) on/off.
12		Display current vehicle position and direction.
13		Display distance, direction and road information for the upcoming intersection.
14		Display distance and direction information for the next intersection.

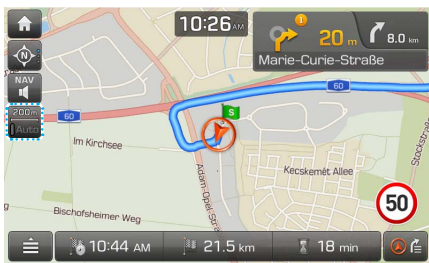
Zoom In / Zoom out



Turn  TUNE knob left/right to set the zoom level on the map screen.

Map scale

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

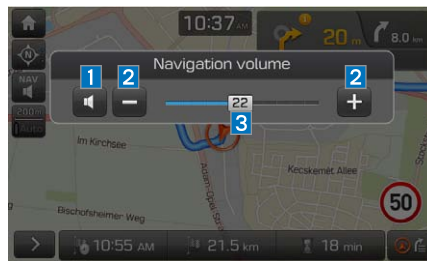
Select  on the map screen.






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

Navigation volume

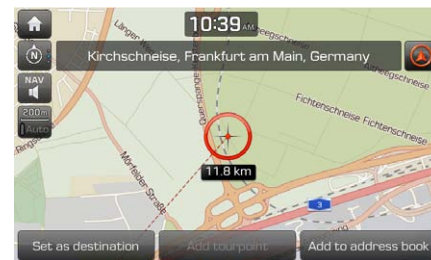
Select  or  to adjust the volume.



	Name	Description
1		Select the button to mute or unmute.
2		Select the buttons to adjust the volume.
3		Drag the volume control bar to adjust the volume.

Scrolling map

Perform a long press on the desired map area. (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.)



Select  .

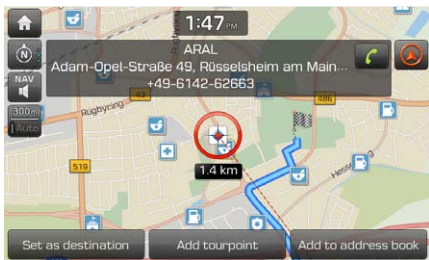
NOTICE

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

Making a call to a POI

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

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.



Select  on the map screen.

Bluetooth phone is used to make call.

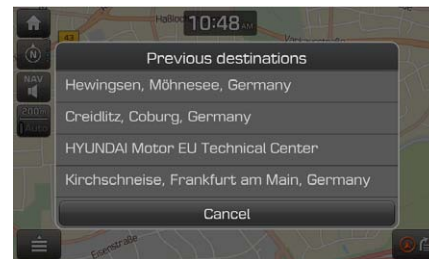
NOTICE

- 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 3-4.
-


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.

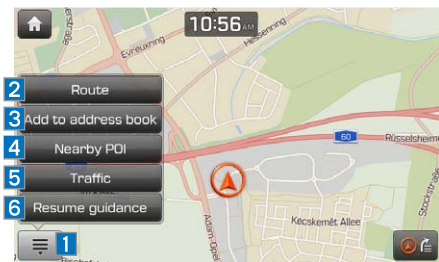
Select one of the list.




NOTICE

- Press  key ► Select **Navigation** ► **General** ► **Show prev. destinations on start** tab to set the previous points view.
-

Quick menu

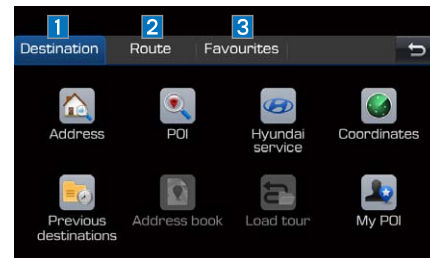


Name	Description
1 	Open or close the quick menu.
2 Route	Change the route conditions when the route is activated.
3 Add to address book	Add the current position to address book.
4 Nearby POI	Find a destination by searching for POI near current position.

Name	Description
5 Traffic	Show the traffic information list.
6 Stop guidance / Resume guidance	Resume or stop the route guidance.

Navigation menu

Select **NAV** on the map screen.




Name	Description
1 Destination	Find a destination.
2 Route	Change the route conditions when route is activated.
3 Favourites	Set of recall your favourite destinations.

Searching for destination

Address search

You can find the destination by searching for an address.

Press **NAV** key ► Select **Address**.



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



Select **Set as destination** ► **Start guidance**.

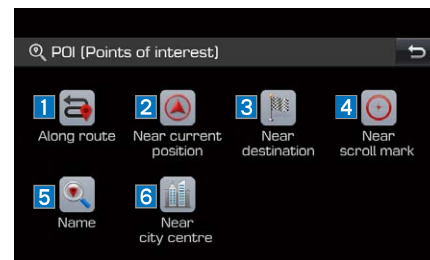
If you want to add a tourpoint when a route has been set, select **Add tourpoint**. If you want to add the position to **Address book**, select **Add to address book**.

NOTICE

- The destination is saved in the Previous destinations menu automatically.

POI (Points of Interest)

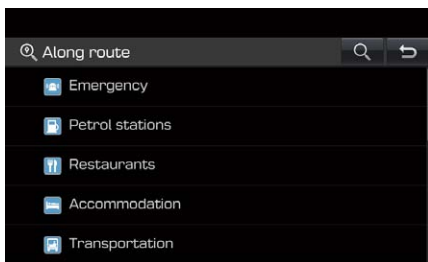
Press **NAV** key ► Select **POI**.



Name	Description
1	Find POI along route.
2	Find POI near current vehicle position.
3	Find POI near selected destination.
4	Search for POI's around the current cursor when the map scrolled.
5	Find POI by the name of the facility.
6	Find POI located in a specific city.

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

Press **NAV** key ▶ Select **POI** ▶
Along route, **Near current position**, or
Near destination.



Select one of the categories and one of the subcategories ▶ Select the preferred POI ▶ Select **Set as destination** ▶
Start guidance.

Search for POI by Near scroll mark

Perform a long press on the desired map area. (The selected point will be marked.)
▶ Press **NAV** key ▶ Select **POI** ▶
Near scroll mark.



Select one of the categories and one of the subcategories ▶ Select the preferred POI ▶ Select **Set as destination** ▶
Start guidance.

Searching for POI by Name or Near city centre

Press **NAV** key ▶ Select **POI** ▶
Name or **Near city centre** ▶ Select the preferred country.



Input the desired name or city and select **OK** ▶ Select the preferred item from the list ▶ Select **Set as destination** ▶
Start guidance.

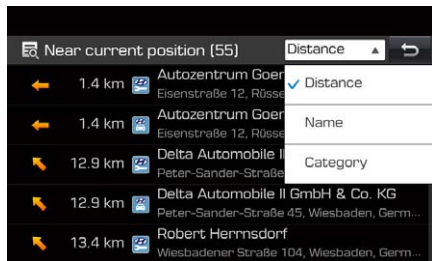
Hyundai Service

You can set the facilities of Hyundai dealers as destination.

Near current position

Press **NAV** key ► Select **Hyundai service** ► **Near current position**.

Select **Distance**, **Name** or **Category** to arrange the list in distance, name or category order.



Select the preferred item from the list ► Select **Set as destination** ► **Start guidance**.

Service name

Press **NAV** key ► Select **Hyundai service** ► **Name** ► Select preferred country.



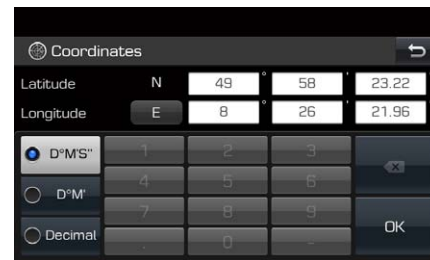
Enter the dealer name and select **OK** ► Select the preferred item from the list ► Select **Set as destination** ► **Start guidance**.

NOTICE

- 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

Press **NAV** key ► Select **Coordinates**.



Select **D°M'S''**, **D°M'** or **Decimal** ► Enter the coordinates and select **OK** ► Select **Set as destination** ► **Start guidance**.

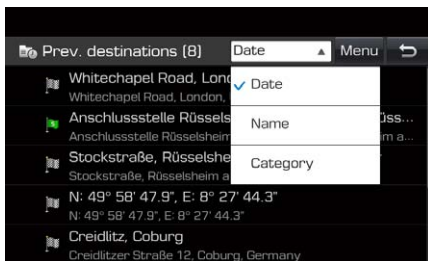
Previous destinations

You can select one of the locations you have previously searched for as a destination, tour point and start point.

Press **NAV** key ► Select

Previous destinations.

Select **Date**, **Name** or **Category** to arrange the list in date, name or category order.



Select the preferred item from the list ►

Select **Set as destination** ► **Start guidance**.

Delete previous destinations

Select **Menu** ► Select **Delete** to delete the previous destinations ► Select the desired item, then select **Delete** ► Select **Yes**.

Mark all : Mark all items.

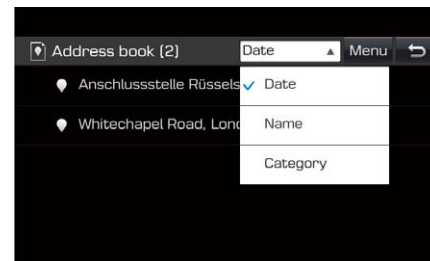
Unmark all : Unmark all items.

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.

Press **NAV** key ► Select **Address book**.

Select **Date**, **Name** or **Category** to arrange the list in date, name or category order.






Select the preferred item from the list ►

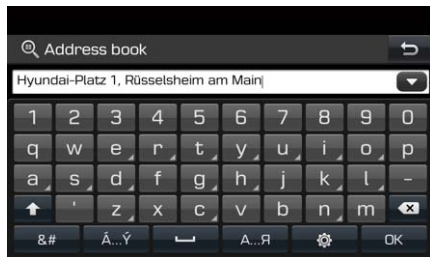
Select **Set as destination** ► **Start guidance**.

Adding the position to address book

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


Select  ► Select  to add the current position.

To add the selected place, select  after searching for a destination or scrolling on map.



Input the desired name and select .

NOTICE

- Press  key ► Select  to check the added position.

Exporting address book to USB

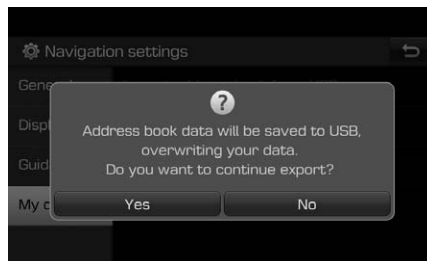
This function is used to export the address book to USB memory device.

Connect a USB device to the USB port ►

Press  key ► Select  ►

 ►  ►

.



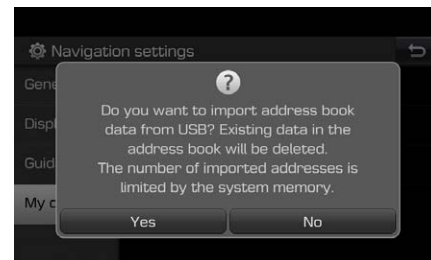
Importing address book from USB




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

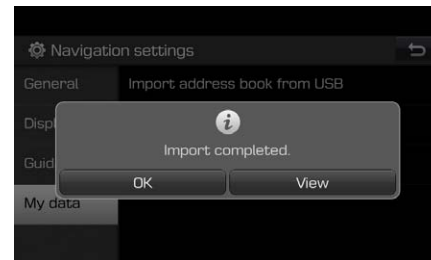
Connect a USB device to the USB port ►

Press  key ► Select  ►

 ► .



Select  ► Select  or  to view the imported address book.

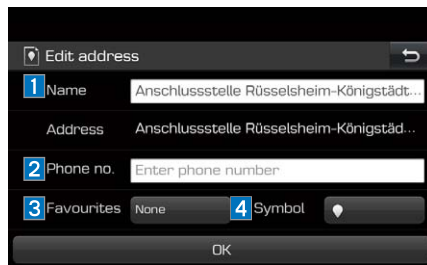


NOTICE

- 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

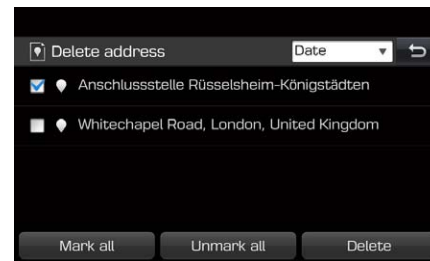
Press **NAV** key ▶ Select **Address book**
▶ **Menu** ▶ **Edit** ▶ Select the item to edit ▶ Select **OK**.



Name	Description
1 Name	Change the name.
2 Phone no.	Enter the phone number.
3 Favourites	Save in the favourite item.
4 Symbol	Set the symbol displayed on the map screen.

Deleting address book

Press **NAV** key ▶ Select **Address book**
▶ **Menu** ▶ **Delete**.



Select the desired item ▶ Select **Delete**
▶ **YES**.

Mark all : Mark all items.

Unmark all : Unmark all items.

Load tour

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

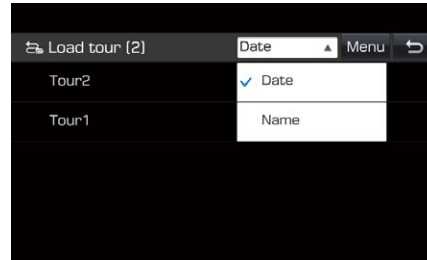
You can find the destination to a location saved in the **Load tour** menu. To utilize this function more effectively, destinations that you often travel to should be saved in advance.

First of all, save in the **Load tour** menu through route search function.

Searching for tour

Press **NAV** key ▶ Select **Load tour**.

Select **Date** or **Name** to arrange the list in date or name order.



Select the desired item ▶ Select **OK** ▶

Start guidance.

Deleting the tour

Press **NAV** key ▶ Select **Load tour** ▶

Menu ▶ **Delete**.

Select **Date** or **Name** to arrange the list in date or name order.



Select the desired item ▶ Select **Delete**

▶ **Yes**.

Mark all : Mark all items.

Unmark all : Unmark all items.

My POI

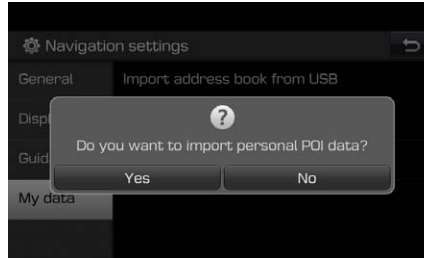
This function is used to import personal POI data including the map information(position, name, ...) saved in USB memory device. Afterwards the data can be selected as destinations through the My POI menu.

NOTICE

- Supported POI group formats POI group format: “.kml” / “.gpx”

Importing the POI data

Store the POI file including map information (position, name, ...) from web map in USB memory device ▶ Connect the USB device to the USB port ▶ Press **NAV** key ▶ Select **My POI** ▶ Select **↓** or press **⚙** key ▶ Select **Navigation** ▶ **My data** ▶ **Import My POI from USB**.



Select **Yes**. The list of POI groups are displayed.



Select the desired POI group.

Mark all: Mark POI groups.

Unmark all: Unmark POI groups.

Select **Import**. The POI groups are imported.

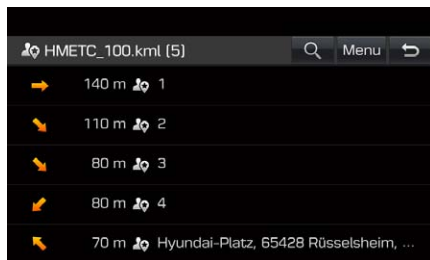


NOTICE

- 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

Press **NAV** key ► Select **My POI** ►
Select the POI group. The list of POI is displayed.



Select the preferred item from the list ►
Select **Set as destination** ► **Start guidance** .

NOTICE

- The destinations is saved in the Previous destinations menu automatically.

Deleting POI data (or group)

Press **NAV** key ► Select **My POI** (or press a POI file) ► Select **Menu** ► **Delete** ► Select the desired item ► Select **Delete** ► **Yes** .

Mark all : Mark all items.

Unmark all : Unmark all items.

Changing POI data (or group) name

Press **NAV** key ► Select **My POI** (or press a POI file) ► Select **Menu** ► **Edit** ► Select one of the POI data (or file) ► Enter new tour name and select **OK** .

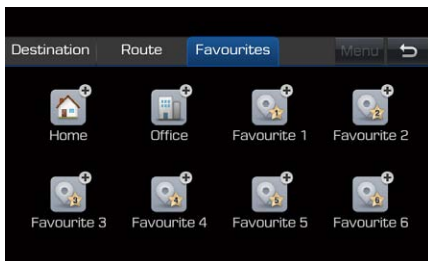
Home, Office, Favourites

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

Press **NAV** key ► Select **Favourites** .



Select **Home**, **Office**, or **Favourites [1-6]**.
 Select the desired position through destinations search function ▶ Select **OK** when the destination search is complete.



Input the desired name and select **OK**. It is saved in the Favourites menu automatically.

Finding your Home, Office, or Favourite place

Press **NAV** key ▶ Select **Favourites** ▶
Home, **Office** or **Favourites [1-6]** ▶
Set as destination ▶ **Start guidance**.

If you want to add a tourpoint when a route has been set, select **Add tourpoint**.

If you want to add the position to Address book, select **Add to address book**.

Stop guidance/ Resume guidance

If you want to stop the route guidance when a route is active, press **NAV** key
 ▶ Select **Route** ▶ **Stop guidance**.

If you want to travel to your destination, Press **NAV** key ▶ Select **Route** ▶
Resume guidance.

Using the route menu

Route options

You can modify various route options according to your needs.

Press **NAV** key ► Select **Route** ► **Options**.



Name	Description
1	Fast : Calculates the optimized route based on arrival time. Short : Calculates the optimized route based on distance.
2	On / Off : Selects whether to reflect traffic event or not.
3	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.

NOTICE

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

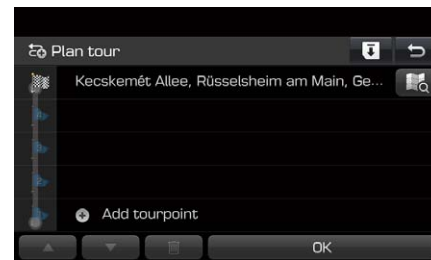
Plan tour

The plan tour allows you to travel through the searched routes by editing the current route.

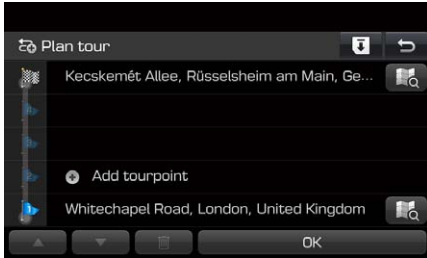
Tourpoints can be added/deleted/edited and the order can be changed. added/deleted/ edited and the order can be changed.

Adding tourpoints

Press **NAV** key ► Select **Route** ► **Plan tour**.



Select **Add tourpoint** ► Add the tourpoint through destination search function.



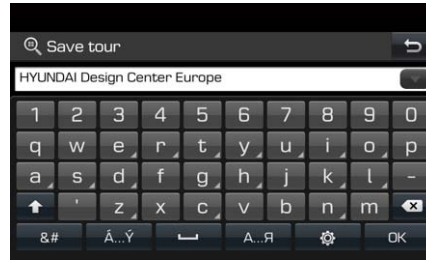
If you want to add more tourpoints, repeat the above explanation.

Select **OK** ► **Start guidance**.

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.

Press **NAV** key ► Select **Route** ► **Plan tour** ► **i**.



Input the tour name and select **OK**. It is saved in the Load tour menu automatically.

Recording plan tour

Press **NAV** key ► Select **Route** ► **Plan tour** ► Select the desired item from the list ► Drag it to the desired position, Or select **▲** or **▼** ► Select **OK** ► **Start guidance**.

Deleting plan tour

Press **NAV** key ► Select **Route** ► **Plan tour** ► Select the desired item from the list ► Select **🗑**.

Viewing map information

Press **NAV** key ► Select **Route** ► **Plan tour** ► Select the desired item from the list ► Select **📍**.




Route scan

This allows you to check the detailed route by section.

Press **NAV** key ► Select **Route** ►

Scan ► Select desired items.



Name	Description
1 	Moves to the departure section.
2 Previous	Moves to the previous section.
3 Next	Moves to the next section.
4 	Moves to the destination section.
5 	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.

Press **NAV** key ► Select **Route** ►

Information .

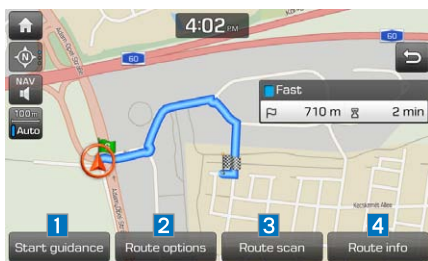


Select the desired item to check the map information.

Overview

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

Press **NAV** key ► Select **Route** ► **Overview** .



Select the desired items.

Name	Description
1 Start guidance	Starts the guidance.
2 Route options	Changes the route options.
3 Route scan	Scans the route.
4 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 and alternative route from the vehicle location to the destination.

Press **NAV** key ► Select **Route** ► **Avoid street** .

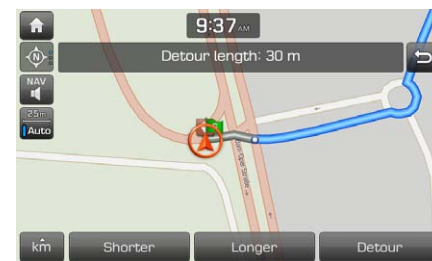


Select the street(s) that you want to avoid ► Select **OK** . If you want to cancel it, select **Unmark all** ► Select **Start guidance** .

Detour

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

Press **NAV** key ► Select **Route** ► **Detour** .



Select the desired items ► Select **Detour** .

kM / **Shorter** / **Longer** : Select a detour distance to take a detour for that distance.

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

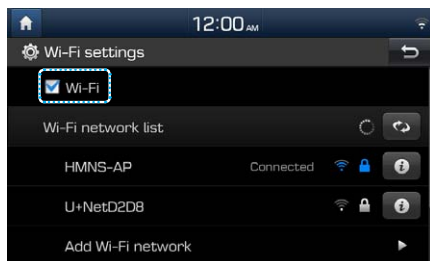
Activate a Wi-Fi hotspot on your mobile phone, and search for Wi-Fi networks. (For details refer to your mobile phone's user manual.)

NOTICE

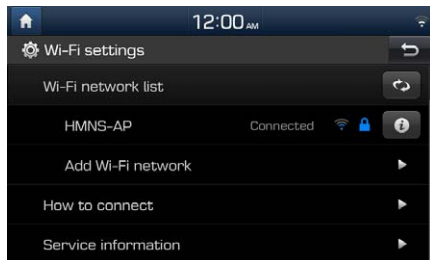
- By creating a Wi-Fi Hotspot, you may incur additional data charges depending on your data plan, particularly when roaming. The battery of the mobile phone may drain quickly so consider charging the phone while using Connected services.
-

Wi-Fi

Press **Settings** key ▶ Select **Wi-Fi** ▶
Select **Wi-Fi** to turn on the Wi-Fi.



Select **Wi-Fi network list** ▶ Select the desired Network (If you want to connect the Wi-Fi Network manually, select **Add Wi-Fi network** . Especially, you can connect the hidden Wi-Fi Network).



NOTICE

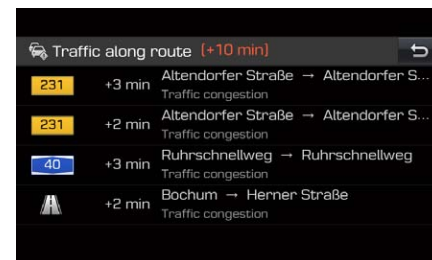
- When you connect the Network for the first time, the information sharing notice screen is displayed. Read carefully and then select the **Agree** .



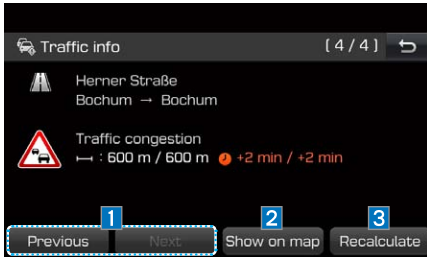
Traffic

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

Select **Info** ▶ **Traffic** ▶ Select the desired items.



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.



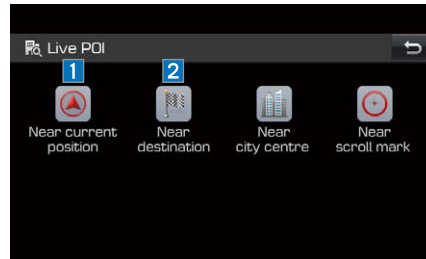
Name	Description
1 Previous / Next	Toggle through different traffic events.
2 Show on map	Display map screen for selected area.
3 Recalculate	Recalculate the route by reflecting traffic information.

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

Select **i** ► Live POI .



Name	Description
1	Searches POI near current vehicle position.
2	Searches POI near selected destination.

Enter the desired POI (Points of Interest) name and select **OK** ► Select the desired destination ► Select **Set as destination** ► **Start guidance** .

Searching for POI by Near city centre

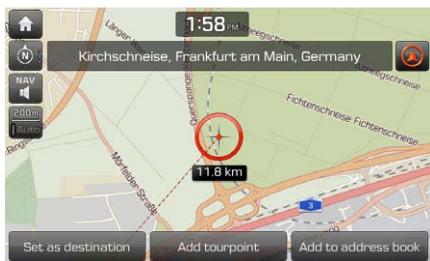
Select **i** ► Live POI ► Near city centre .



Enter the desired city name and select **OK** ► Enter the desired POI (Points of interest) name and select **OK** ► Select the desired destination ► Select **Set as destination** ► **Start guidance** .

Searching for POI by Near scroll mark

Perform a long press on the desired map area. The Selected point will be centered on the screen and the scroll mark will be displayed.



Select **i** ▶ **Live POI** ▶ **Near scroll mark**

▶ Enter the desired POI (Points of Interest) name and select **OK** ▶

Select the desired destination ▶ Select

Set as destination ▶ **Start guidance**



Weather

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

Select **i** ▶ **Weather** ▶ **Current position**

or **Destination**



	Name	Description
	Current position	Display weather information in your current position.
	Destination	Display weather information in your destination.

Select 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.

Select **i** ▶ **Weather** ▶ **Favourites** ▶ **Menu** ▶ **Add**




Search the city name and select the desired city.

Select **Add to favourites**



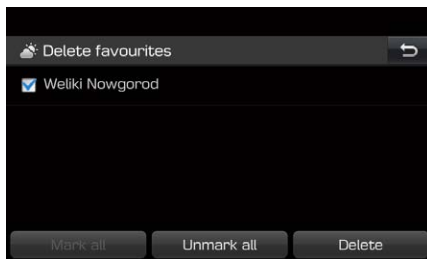
Select the desired list for more weather information.

NOTICE

- You can also add the current position or destination as favourites.
- Select  ► Weather ► Current position or Destination ► Menu ► Add .

Deleting Favourites

Select  ► Weather ► Favourites ► Menu ► Delete .



Select the desired item, then select

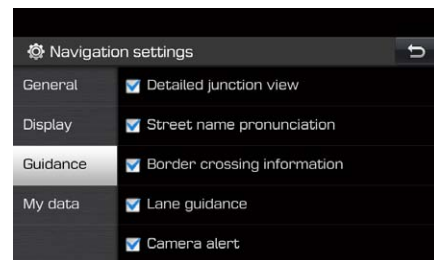
 ► Select  .

 : Mark all items.


 : Unmark all items.

Speed camera alerts


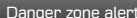

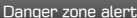

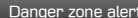
Press  key ► Select  ►  .



Select  or  .

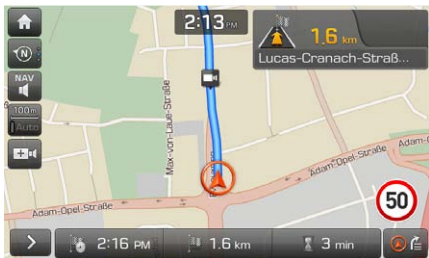
The using notice screen is displayed. Read carefully and then select  to use the function.

NOTICE

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

Press **MAP** key.

The alert for speed camera appears about 10 seconds or 100 m before the camera point of arrival.



NOTICE

- 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.

Navigation settings

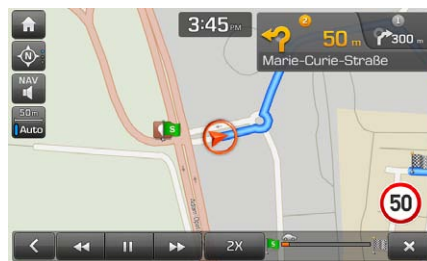
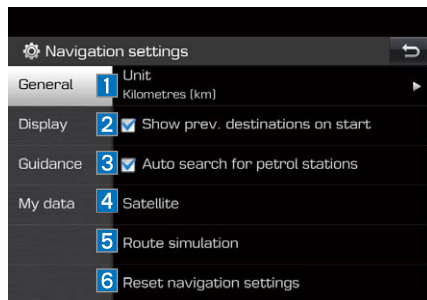
This menu describes navigation settings.









General

This menu is used to change general settings.

Press **Settings** key ▶ Select **Navigation**

▶ **General** ▶ Select the desired items.



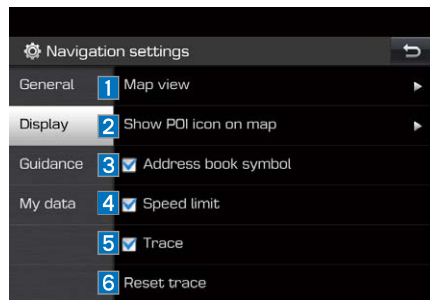
Name	Description
1	Change the unit between the “Kilometers(km)” and “Miles(mi)”.
2	Change the previous destination view setting when starting navigation. When this is selected and when navigation is started without a route planned, a list of previous destination will be displayed.
3	Set whether to search for near petrol station in the case of fuel shortage.
4	Display the satellite status.
5	This function allow the user to simulate a route guidance when a route is set.  /  : Pause or play the driving simulation.  : End the driving simulation.  /  /  : Set the speed of driving simulation.  : Move to the previous section.  : Move to the next section.
6	Reset navigation settings specified by the user.





Display

This menu is used to change the display environment settings.

Press  key ▶ Select 

▶  ▶ Select the desired items.



Name	Description
1	Sets the navigation options related to map view. Select  ,  ,  or  .
2	Set whether to display the POI icon on the map screen or not.
3	Set whether to display a symbol on the map about the positions saved in address book or not.
4	Set whether to display the speed limit or not.
5	Set whether to trace the route passed by the vehicle or not.
6	Reset the trace of the route passed by the vehicle.

Guidance

This menu is used to change the guidance settings.

Press  key ▶ Select 

▶  ▶ Select the desired items.



Name	Description
1	Set whether to display the junction view mode or not.
2	Set whether to execute the street name pronunciation or not.
3	Set whether to display the border crossing information or not.
4	Set the lane guidance on/off.
5	Set 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.

My data

Press **Settings** key ► **Select** **Navigation**

► **My data** ► **Select the desired items.**

Name	Description
1 / 2	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 4-10.
3	This function is used to import the POI data including the map information (position, name, or etc) saved to USB memory device. Select Import My POI from USB , then, follow the steps 4–6 of “Importing the POI data” on page 4-13.

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MEMO

part.5 Other Features

ERA-GLONASS EMERGENCY CALL (if equipped)

Camera

Other Features

ERA-GLONASS EMERGENCY CALL (if equipped)

The system ERA-GLONASS is an automatic emergency call service made in event of a traffic accident or other accidents on the roads of Russian Federation.

SOS

Driver or passenger manually can make an emergency call in the single duty dispatch service, by pressing SOS button to call the necessary emergency services.

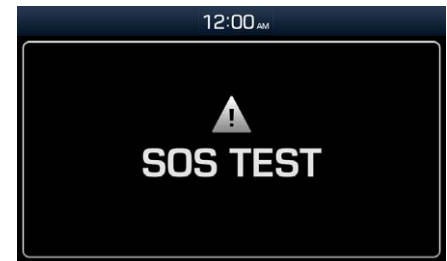
- Do not operate all buttons except MAP, NAV, CLIMATE.
- Stops sound and SOS is displayed on screen.



SOS Test

Driver or passenger manually can make an emergency call in the single duty dispatch service, by pressing SOS button to call the necessary emergency services.

- Do not operate all buttons except MAP, NAV, CLIMATE.
- Stops sound and SOS is displayed on screen.



Camera

WARNING

- Backing Up & Using Camera

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

NOTICE

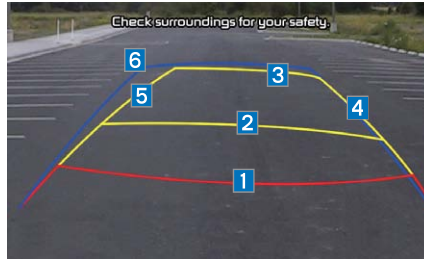
- The camera screen shown while the system boots up does not display any text or buttons.
- A wide-angle lens is installed as the rear detection camera to get a wider view, so there may be some difference between the actual distance and the distance that appears on-screen. For safety, make sure to view the back, right, and left sides of the car for yourself.
- The colour of the parking guidelines displayed in the picture may differ from the actual screen.
- When booted up, blinking may occur when you switch to a UI screen.
- If **Reverse warning priority** is set in the Sound Settings, the audio volume is lowered when your car is driving backward.

Steering-linked camera

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

CAUTION

- Because the cameras use wide-angle lenses to provide a wide view, the distance in the view may appear different to the actual distance. Always check the left and right views for safety.



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

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

part.6 Settings

Vehicle settings

Navigation settings

Sound settings

Display settings

Bluetooth settings

Phone projection settings

Custom button settings

Wi-Fi settings

Date/Time settings

Language settings

Keyboard settings


Screensaver settings

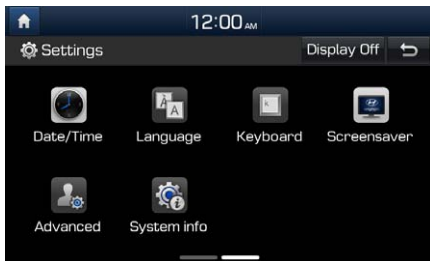
Advanced settings

System info

Settings

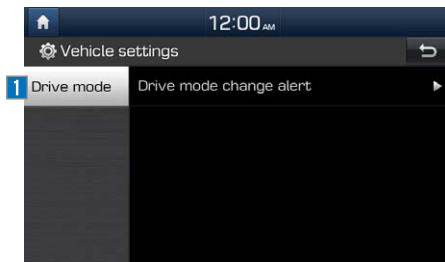
Setup is the screen to control Multimedia system settings.

To enter the screen, press the  key or the **Settings** icon in All Menus.



Vehicle settings

Adjusts the internal and external physical elements of the vehicle and sets convenience features that help with driving.



Features	Description
1 Drive Mode	Sets Drive Mode detailed settings for each vehicle control unit and notification settings for Mode changes

Information

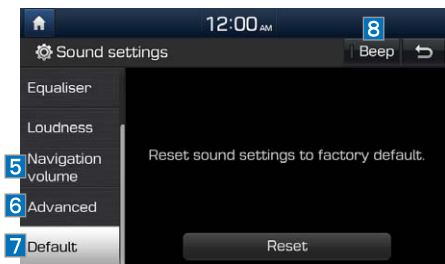
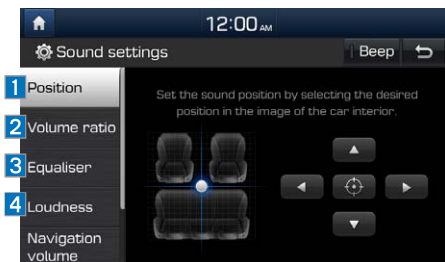
- The options provided in the Vehicle Settings may vary by car model.


Navigation settings

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

Sound settings

Adjusts the sound effects for the whole system.



Features	Description
1 Position	Select the Up/Down/Left/Right button to control sound positioning. Select  to concentrate the sound on the centre of vehicle.
2 Volume ratio	Sets the volume of broadcast, media, ringtone, etc., respectively.
3 Equaliser	Drag the slide bar to control BASS/MID/TREBLE settings. Select Centre to initialise the settings.
4 Loudness	Sets the volume ratio when reversing the car, turning on the car's ignition, etc.

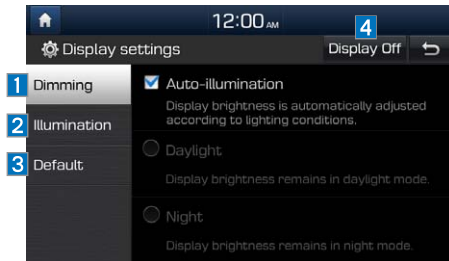
Features	Description
5 Navigation volume	Sets the method of navigation guidance volume adjustment.
6 Advanced	Select additional audio options such as "Speed dependent volume control" that automatically controls Audio volume according to vehicle speed.
7 Default	Resets the sound to factory default settings.
8 Beep	Select to activate a beep when selecting buttons.

i Information

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

Display settings

Adjusts the level of illumination for the entire system.



Features	Description
1 Dimming	Sets the display brightness according to mode changes.
2 Illumination	Set the levels of illumination for day and night. Select Reset to initialise the settings.
3 Default	Resets the display to factory default settings.
4 Display Off	Provides the Display Off (touch activation) function.

Bluetooth settings

Changes Bluetooth phone settings.

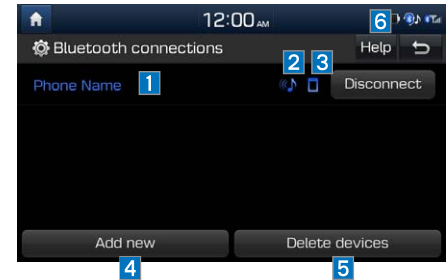
Press the **Settings** key ▶ Select **Bluetooth**.



Bluetooth connections




Press the **Settings** key ▶ Select **Bluetooth**.

▶ **Bluetooth connections**.



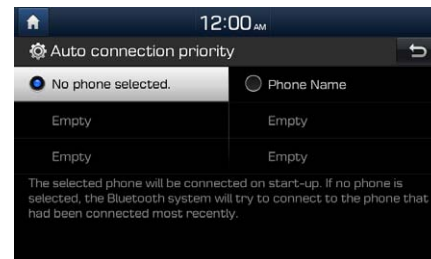
Features	Description
1 Paired Device List	Displays the paired Bluetooth device list. When selecting from the list, the device is connected or disconnected.
2 Bluetooth Audio Connection Status	An icon appears when you make a Bluetooth Audio connection.
3 Bluetooth Hands-Free Connection Status	An icon appears when you make a Bluetooth Hands-free connection.
4 Add new	Register a new Bluetooth device.
5 Delete devices	Select and delete a paired device.
6 Help	Switches to the Bluetooth Connection Help screen.

i Information

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

Auto connection priority

Press the  key ▶ Select  ▶ .



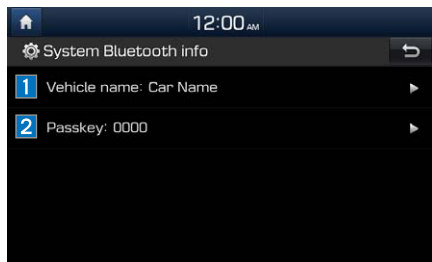
When the engine is running, the selected Bluetooth device is automatically connected. If you fail to connect the selected device, the previously-connected device is automatically connected, and if it also fails, then it tries to connect all paired devices sequentially.

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

System Bluetooth info

Press the  key ▶ Select **Bluetooth**

▶ **System Bluetooth info**.



Features	Description
1 Vehicle name	You can change the Bluetooth device name of the vehicle.
2 Passkey	You can change the passkey used for Bluetooth device authentication. The initial passkey is 0000.


Information

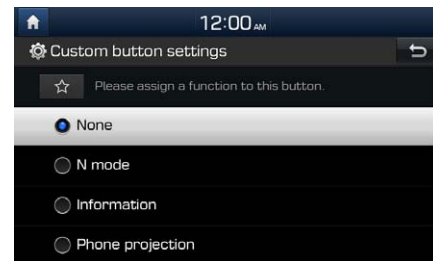
- The vehicle name above is an example. Check the actual information on the product.


Phone projection settings

For more details, refer to the Phone projection guide.

Custom button settings

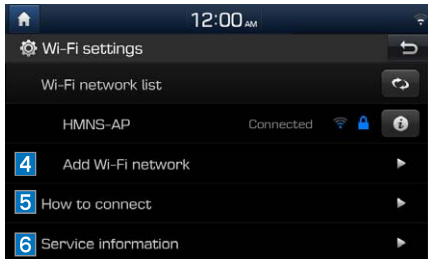
You can choose the feature to be accessed when the  key is pressed.



Setting it to a feature that you frequently use will allow you to access the feature quickly and conveniently anytime. For example, setting it to **My Menu** will enable you to access the My Menu screen by pressing the  key.

Wi-Fi settings

Mobile or external device networks can be shared with vehicle devices via Wi-Fi.



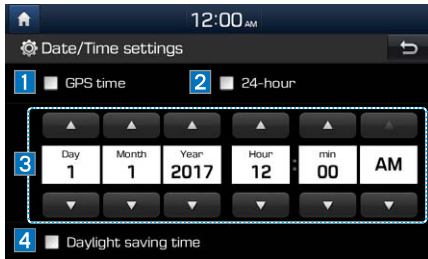
Features	Description
1 Wi-Fi	Turns Wi-Fi on or off.
2 Wi-Fi network list	Displays the name of the network AP (Access Point) found.
3 Refresh	Searches for nearby accessible networks.
4 Add Wi-Fi Network	Enter the network ID/password to connect to a hidden network AP.
5 How to Connect	Explains how to connect to Wi-Fi
6 Service information	Displays the user ID for local area-based services to be provided via Wi-Fi and sets consent for use

Explains how to connect to Wi-Fi

1. On your mobile or external device, navigate to Wi-Fi Settings > Hotspot and enable the setting.
2. Select your device's network from the vehicle's network list to connect. Enter the password if there are security measures in place.

Date/Time settings

Configure the settings for time and date. Using the arrow buttons, you can change the values. Date/Time settings do not automatically change when crossing into different time zones. The time must be changed manually on this screen.



Features	Description
1 GPS time	Enables or disables GPS time synchronisation.
2 24-hour	The time display is set in 24-hour format.
3 Direct entry	If you tap any value, you can directly enter the number in the following screen.
4 Daylight saving time	The daylight saving time (DST) is applied.

Language settings

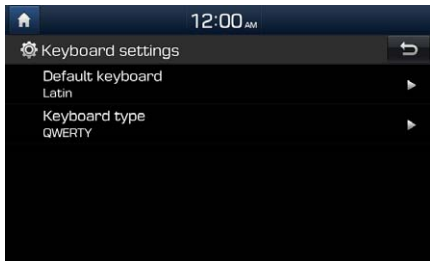
You can configure the displayed system language.



When the language is changed, the system language is automatically changed. Unique data including MP3 file name is not changed.

Keyboard settings

You can configure the keyboard layout for each language.



You can configure ABCD or QWERTY keyboards for the system.

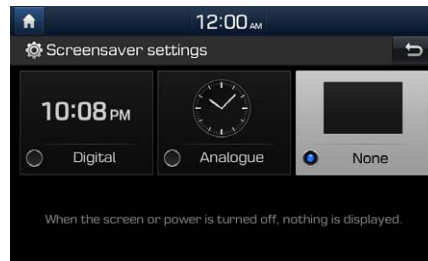
i Information

- Configured keyboard layouts are applied to all input modes.

Screensaver settings

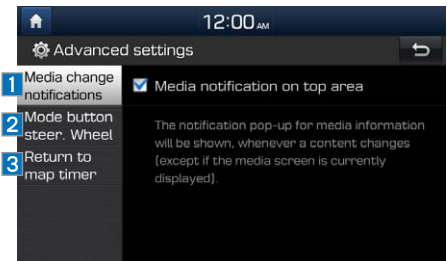
You can select any of the following screen formats to be displayed when the screen or power is turned off (press and hold the Power button).


- Digital clock and date
- Analogue clock and date
- None



Advanced settings

Sets alerts per function if desired by the user.



Features	Description
1 Media change notifications	Sets whether to display media information at the top of the screen as the next item is played when not on the media screen.
2 Mode button steer. Wheel	Sets the media to be played when the steering wheel or rear seat (if provided)  button is pressed.
3 Return to map timer	Sets the time after which the screen will return to the map screen from the broadcast/music playback screen.

System info

System version information and update details are available.



Features	Description
1 Version Info	Select the Update button to update the system.
2 Default	When Default is selected, the settings are changed to factory defaults.

System Update

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

i Information

- This product needs supplemented software updates and additional functions, which collectively may take some time to complete, depending on the amount of data.

🔗 NOTICE

- If the power is disconnected or the USB or SD card is removed during an update, the data might be damaged. Please wait until the update is complete while the engine is on.
- When **Default** is selected, it may delete all of the data and settings so be cautious of your action.

part.7 Appendix

Product Specification

Troubleshooting

FAQ

Important Safety Information

Appendix

Product Specification

TFT-LCD

Screen Size	8 inch (176.4 x 99.36 mm)
Resolution	384,000 pixels (Resolution: 800 x 480)
Operating Method	TFT(Thin Film Transistor) Active Matrix
Viewing Angle	Left/Right, Top/Bottom: ALL 89°
Internal Lighting	LED

Radio

Channels	FM: 87.5 Mhz to 108.0 Mhz (100 kHz)
	AM: 522 kHz to 1620 kHz(9 kHz)
Sensitivity	FM: Under 10 dBuV/AM: Under 35 dBu EMF
Distortion Factor	Within 2%

Common

Power Supply	DC 14.4 V
Operating Power	DC 9 V to DC 16 V
Dark Current	1 mA (Head Unit Only)
Operating Temperature	-20 to +70°C (-4 to +158°F)
Storage Temperature	-40 to +85°C (-104 to +185°F)
Dimensions	295.9 x 178.6 x 193.1 mm
Current Consumption	2.5 A
Weight	1.8 kg
	DAB 1.9 kg

Bluetooth® Wireless Technology

Frequency Range	2402 to 2480 MHz	Supported Bluetooth® Specification	3.0
Supported Profile	Handsfree(1.6), A2DP(1.2), AVRCP(1.4), PBAP(1.0)		
Number of Channels	79 channels	Maximum Output Power	3 mW

Wi-Fi Details

Frequency	2412 to 2472 MHz, 5745 to 5805 MHz
Specification	IEEE802.11a/b/g/n/ac
Supported Bandwidth	20 MHz, 40 MHz, 80 MHz
Operating Temperature	-20 to +70°C (-4 to +158°F)

Troubleshooting

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

Problem	Possible Cause
There are small red, blue, or green dots on the screen	<ul style="list-style-type: none"> • 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 Hyundai dealer for assistance
Sound is working from only one speaker	<ul style="list-style-type: none"> • Are the positions of Fader or Balance sound controls adjusted to only one side?

Problem	Possible Cause
Sound does not work in AUX mode	<ul style="list-style-type: none"> • Are the audio connector jacks fully inserted into the AUX terminal?
The external device is not working	<ul style="list-style-type: none"> • Is the external device connected with a standard connector cable?
Upon 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

Problem	Possible Cause	Countermeasure
The power does not turn on	<ul style="list-style-type: none"> The fuse is disconnected Device is not properly connected 	<ul style="list-style-type: none"> Replace with a suitable fuse If the fuse is disconnected again, please contact your point of purchase or Hyundai dealer Check to see that the device has been properly connected
The system does not play	<ul style="list-style-type: none"> The vehicle battery is low 	<ul style="list-style-type: none"> Charge the battery. If the problem persists, contact your point of purchase or Hyundai dealer

Problem	Possible Cause	Countermeasure
The image colour/tone quality is low	<ul style="list-style-type: none"> The brightness, saturation, hue, and contrast levels are not set properly 	<ul style="list-style-type: none"> Properly adjust the brightness, saturation, hue, and contrast levels through Display Setup
Sound does not work	<ul style="list-style-type: none"> The volume level is set to the lowest level The connection is not proper The device is currently fast-forwarding, rewinding, scanning, or playing in slow mode 	<ul style="list-style-type: none"> Adjust the volume level Check to see that the device has been properly connected The sound will not work when the device is fast-forwarding, rewinding, scanning, or playing in slow mode
The sound or image quality is low	<ul style="list-style-type: none"> Vibration is occurring from where the conversion switch has been installed Image colour/tone quality is low 	<ul style="list-style-type: none"> The sound may be short-circuited and the image distorted if the device vibrates The device will return to normal once vibrations stop

Problem	Possible Cause	Countermeasure
The USB does not work	<ul style="list-style-type: none"> • USB memory is damaged • USB memory has been contaminated 	<ul style="list-style-type: none"> • Please use the USB after formatting it. • Remove any foreign substances on the contact surface of the USB memory and multimedia terminal
	<ul style="list-style-type: none"> • A separately purchased USB HUB is being used • A USB extension cable is being used • A USB which is not a Metal Cover Type USB Memory is being used • An HDD type, CF, SD Memory is being used • There are no music files which can be played 	<ul style="list-style-type: none"> • Directly connect the USB memory with the multimedia terminal on the vehicle • Directly connect the USB memory with the multimedia terminal on the vehicle • Use standard USB Memory • Use standard USB Memory • Only MP3, WMA file formats are supported. Please use only the supported music file formats

Problem	Possible Cause	Countermeasure
The iPod is not recognised even though it has been connected	<ul style="list-style-type: none"> • There are no titles which can be played • The iPod firmware version has not been properly updated • The iPod device does not recognise downloads 	<ul style="list-style-type: none"> • Use iTunes to download and save MP3 files into the iPod • Use iTunes to update the firmware version and reconnect the iPod with the device • Reset the iPod and reconnect with the device
Bluetooth does not work or its limited functions are available	<ul style="list-style-type: none"> • Bluetooth on your mobile phone is set to OFF • The Bluetooth connection is not made 	<ul style="list-style-type: none"> • Set it to ON • Make the connection active

i Information

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

FAQ

About Pairing Mobile Phones

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


A Check to see that the mobile phone supports Bluetooth® function. Verify if Bluetooth on the cell phone is set to OFF. If so, set it to ON. If the cell phone still can't be registered, try again after turning Bluetooth off and on, or delete the device registration on the multimedia system and cell phone and then register the cell phone again.

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

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

Q What is a Passkey?


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

The initial passkey is 0000. You can change it with  ►

 ►  ►  menu options.


About Making/Answering Phone Calls

Q How can I answer a call?

A When there is an incoming call, a notification pop-up will become displayed. To answer the incoming call, select **Accept** on the screen or press  key on the steering wheel control.

To reject the call, select **Reject** on the screen or press  key on the steering wheel control.

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

A While on a call, press and hold (over 0.8 seconds)  key on the steering wheel control or select **Use private** at the bottom of the Phone screen to switch the call to your mobile phone.

About *Bluetooth*[®] Wireless Technology/ Multimedia System Use Environment

Q What is the range of my wireless connection?

A The wireless connection can be used within 15 yards.

Q How many mobile phones can be paired?

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

Q Why is call quality sometimes poor?

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

Important Safety Information

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

Keep User's Guide in Vehicle

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

Warning

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

Prolonged Views of Screen

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

Volume Setting

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

Declaration of Conformity

We, manufacturer, hereby declare that the product

Type	DIGITAL CAR AVN SYSTEM
Model Name	AVBCD50EE
Variant	AVB1050EE

satisfies all the technical regulations applicable to the product within the scope of Directive 2014/53/EU

Radio	EN 300 328 V2.1.1 (2016-11), EN 303 345 V1.1.7 (2017-3), EN 303 413 V1.1.1 (2017-6), EN 300 440 V2.1.1 (2017-3), EN 301 893 V1.8.1 (2015-3) clause 4.2.8(Receiver Blocking) from EN 301 893 V2.1.1 (2017-5)
EMC	EN 301 489-1 V2.1.1 (2017-2), EN 301 489-17 V3.1.1 (2017-2), EN 301 489-19 V2.1.0 (2017-3) EN 55032:2015, EN 55035:2017
Safety	EN 60965:2014, EN 62311:2008

All essential requirements have been carried out.

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This declaration is issued under the sole responsibility of the manufacturer and, if applicable, his authorized representative, and is marked in accordance with the CE marking directive.

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Seoul, Korea / 14 July 2017



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