G3E UH 03
(영어 | 미국) 디오디오

Car Multimedia System | User's Manual

HYUNDAI

ATC42D3AN
ATC40D3KN

Thank you for purchasing this multimedia system.

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

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

Precaution for safe usage

- Driving while distracted can result in a loss of vehicle control, that may lead to an accident, severe personal injury, and death. The driver's primary responsibility is in the safe and legal operation of a vehicle, and use of any handheld devices, other equipment, or vehicle systems which take the driver's eyes, attention and focus away from the safe operation of a vehicle or which are not permissible by law should never be used during operation of the vehicle.
- Do not operate the multimedia system while driving.
- Do not disassemble, assemble, or modify the multimedia system.
- Do not watch the screen for prolonged periods of time while driving.
- Set the volume to a level which allows the driver to be aware of external conditions.
- Do not operate the multimedia system for prolonged periods of time with the vehicle ignition in ACC. Such operations may lead to battery discharge.
- Be cautious not to spill water or introduce foreign objects into the device.
- Do not cause severe shock to the device. Direct pressure onto the front side of the monitor may cause damage to the LCD or touch panel.
- In case of product malfunction, please contact your place of purchase or service center.
- When cleaning the touch screen, make sure to turn off the device and use a dry and smooth cloth. Never use tough materials, chemical cloths, or solvents (alcohol, ammonia, benzene, thinners, etc.) as such materials may damage the device panel or cause color and quality deterioration.
- SiriusXM service requires a subscription, sold separately, after 3-month trial included with vehicle purchase. If you decide to continue your SiriusXM service at the end of your trial subscription, the plan you choose will automatically renew and bill at then-current rates until you call Sirius XM at 1-866-635-2349 to cancel. See our Customer Agreement for complete terms at www.siriusxm.com. Programming subject to change. Sirius satellite service is available only to those at least 18 and older in the 48 contiguous USA, D.C., and PR (with coverage limitations). Traffic information not available in all markets. See siriusxm.com/traffic for details. Sirius, XM and all related marks and logos are trademarks of Sirius XM Radio Inc.

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.

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 features in the vehicle may differ from the illustrations.
For more accurate information about the vehicle, please refer to the catalogue.

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

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

CAUTION

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

Information

- Information and tips that 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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Your Hyundai vehicle may be equipped with technologies and services that use information collected, generated, recorded or stored by the vehicle. Hyundai has created a Vehicle Owner Privacy Policy to explain how these technologies and services collect use and share this information.

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If you would like to receive a hard copy of our Vehicle Owner Privacy Policy, please contact our Customer Connect Center at:

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Hyundai's Customer Connect Center representatives are available Monday through Friday, between the hours of 5:00 AM and 7:00 PM PST and Saturday and Sunday between 6:30 AM and 3:00 PM PST (English).
For Customer Connect Center assistance in Spanish or Korean, representatives are available Monday through Friday between 6:30 AM and 3:00 PM PST.

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part.1 Basic

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

Safety Warnings

- Do not stare at the screen while driving. Staring at the screen for prolonged periods of time could lead to traffic accidents.
- 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 lightening 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 Audio and multimedia modes, the display will not operate when the vehicle is in motion. For your safety, first park the vehicle to watch or view the screen.(The screen will only operate when the parking brake is ON for manual transmission vehicles and when the parking brake is ON or the gearshift is in the P (PARK) position for automatic.)
- Some functions other than the one mentioned above cannot be used while driving. These functions operate only when the vehicle is parked.

Safety Cautions

Pay attention to traffic conditions while driving.

- 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 color/quality deterioration. When experiencing product concerns, inquire with your place of purchase or service maintenance center.
- Prevent caustic solutions such as perfume and cosmetic oil from contacting the dashboard because they may cause damage or discoloration.

Key Product Features

This device is a Multimedia system equipped with a multifunctional player that supports Radio (FM, AM), HD Radio™, SiriusXM™, USB, iPod, AUX and Bluetooth Audio features. The WIDE VGA LCD provides a high quality resolution while the powerful and rich sound system adds to the driving enjoyment.

Display	Wide TFT-LCD Display • Provides high quality video through a Wide TFT-LCD Display using an LED Back Light. • Touch screen for maximum user convenience.
Radio	Digital Tuner Feature • Digital Tuner using PLL method that supports memory of 40 broadcast stations. Radio broadcast station name • Displays broadcast station names.
Multimedia Player	Support for various Media Formats • Support for various media formats, including Radio, USB, iPod, AUX and Bluetooth® Audio Streaming modes
Miscellaneous	***Bluetooth***® Wireless Technology • Convenient use of Bluetooth® Handsfree by using buttons within the steering wheel control Digital Screen Control Features • Easy control of features through touch screen options Steering Wheel Control • Control over audio features, voice recognition and Bluetooth® through the steering wheel control for maximum convenience

Component Names and Functions

Head Unit

For GUAM Model

	Name	Description
1	RADIO	Selects FM/AM/SiriusXM™ mode. • Each time this is pressed, the mode is changed in the following order: FM → AM → SiriusXM™ → FM. Degradation of the satellite signal may occur depending on the SiriusXM satellite coverage (http://www.siriusxm.com).
2	MEDIA	Selects MEDIA mode.
3	SEEK TRACK	When pressed quickly (less than 0.8 seconds), • FM/AM mode: Plays the previous/next frequency. • SiriusXM™ mode: Changes the channel. • MEDIA mode: Changes the track, file or title (except for AUX). When pressed and held down (more than 0.8 seconds), • 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	APPS/	Moves to the Apps/Info screen.
5	DISP	Turns the screen on/off.
6		Displays the Bluetooth phone mode.

	Name	Description
7	⚙	Moves to the Setup screen.
	POWER/ VOL	• When power is off, press to turn power on. • When power is on, press and hold (more than 0.8 seconds) to turn the power off. • When power is on, press quickly (less than 0.8 seconds) to turn Audio off. • Turn left/right to adjust the volume.
	TUNE	• FM/AM mode: Changes the frequency. • SiriusXM™ mode: Changes the channel. • MEDIA mode: Changes the track, file or title (except for Bluetooth Audio, and AUX).
	RESET	Resets the system settings. (Preset radio channels and other data will not be deleted)

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

For GUAM Model

Steering Wheel Controls

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

Name		Description
1	MODE	• Each time this is pressed, the mode is changed in the following order: FM → AM → SiriusXM → USB or iPod → AUX → Bluetooth Audio → FM • If the media is not connected, the corresponding modes will be disabled • Press and hold (more than 0.8 seconds) to turn the Audio system on/off • When power is off, press button to turn power back on
2	VOL + VOL -	Controls the volume
4		When pressed quickly (less than 0.8 seconds), • FM/AM mode: searches broadcast frequencies saved to Presets • SiriusXM™ mode: searches broadcast channels saved to Presets • Media mode: changes the track, file or title (except for AUX) When pressed and held down (more than 0.8 seconds), • FM/AM mode: automatically searches broadcast frequencies • SiriusXM™ mode: automatically searches broadcast channels • Media mode: quickly looks up songs (excluding AUX and Bluetooth audio files)

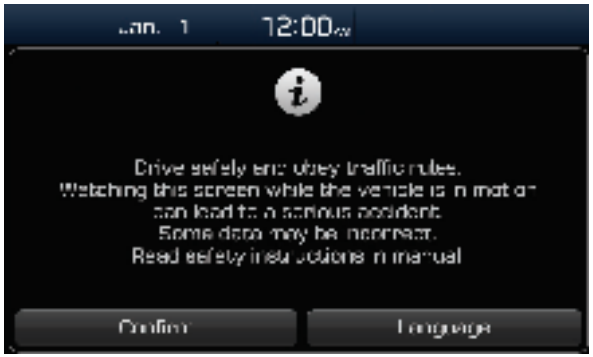
	Name	Description
5		When pressed quickly (less than 0.8 seconds), • When pressed in the dial screen, makes a call • When pressed in the incoming call screen, answers the call • When pressed during call waiting, switches to waiting call (Call Waiting) When pressed and held down (more than 0.8 seconds), • When pressed in Bluetooth® Hands-free, redials the last dialed call • When pressed during a Bluetooth® Hands-free call, switches call back to mobile phone (Private) • When pressed while calling on the mobile phone, switches call back to Bluetooth® Hands-free (operates only when Bluetooth® Hands-free is connected)
6		• When pressed during a call, ends the phone call • 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. To change the system language between English, French, Spanish and Korean, select the Language button.

NOTICE

- You cannot operate the system while it is booting up. It may take some time for all of features of the system, particularly the voice recognition system, to be ready for use.

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

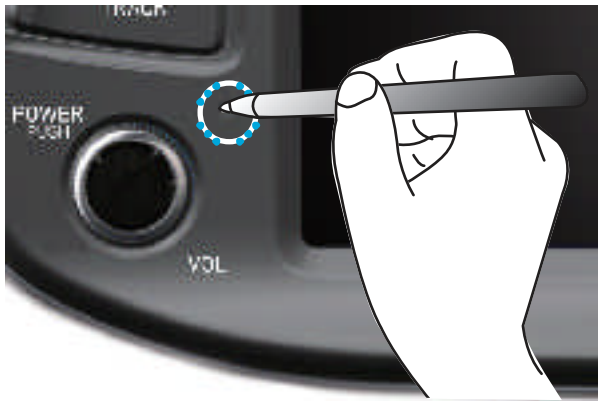
Information

- 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.

NOTICE

- 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.

WARNING

- Blank Screen

- 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).

WARNING

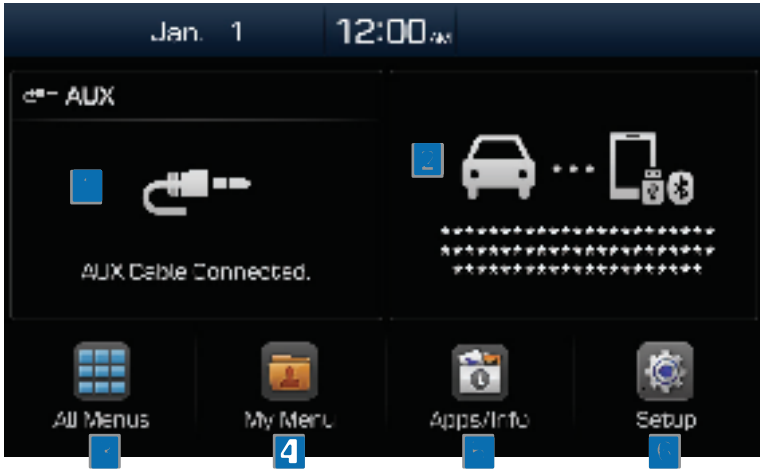
- Touching the Antenna During A Thunder Storm

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

Home Screen

Controls Menu Configuration for the Home Screen

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



Features	Description
1 Radio/ Media Widget	• Shows brief information on the radio or media that is now playing. • Tap the area to move to the mode that you are listening to.
2 Phone Projection Widget	Shows any connected devices such as iPod and Bluetooth.
3 All Menus	Shows all of the items in the system menu.
4 My Menu	Add your favorite menus to have quick and easy access to them.
5 Apps/Info	Moves to the Apps/Info screen.
6 Setup	Moves to the Setup screen.

Information Display on the Status Bar

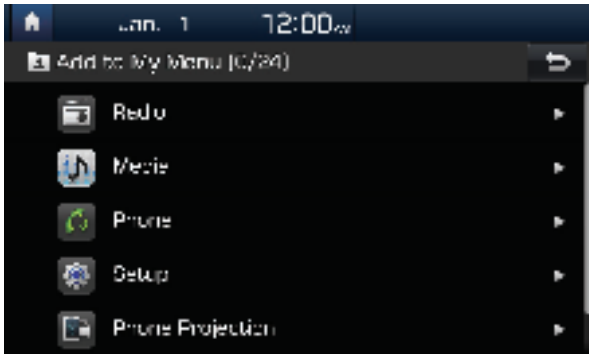
Displays the date and time, along with the system status shown by the various icons to the right of the clock.

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

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

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.



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

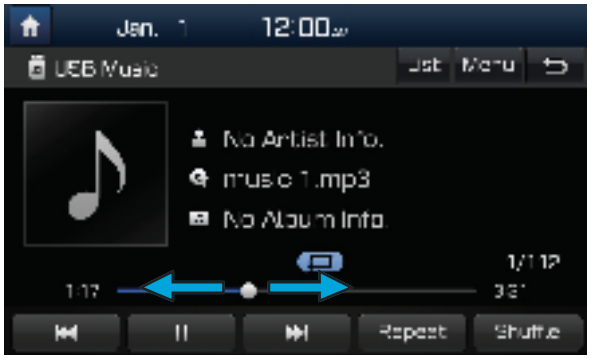
Tap lightly on a menu or an item to select it.

NOTICE

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

Drag & Drop

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



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

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.

Press and Hold

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

MEMO

part.2 Radio/Media

FM/AM

HD Radio™ Technology

SiriusXM™

USB

iPod

AUX

Bluetooth® Audio

Radio/Media

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.

Information

- If you press the RADIO key when power is off, the power will turn on and a radio broadcast will be tuned from the current mode.

Features	Description
1 Preset Frequencies	• The stored preset frequencies are displayed for user selection. • After selecting frequency, press and hold the preset button for more than 0.8 seconds. A beep sound will be heard and the frequency is to be stored in the selected preset button. • Flick the preset frequencies up/down to scroll quickly through presets.
2 Frequency	Displays the current frequency.
3 Presets	Shows the stored presets for user selection.
4 Menu	• List: Moves to the frequency list. • Info: Turns the Radio text information transmitted from the broadcasting station on and off. • Sound Settings: Moves to the Sound Settings.
5 Scan/Preset Scan	Displays an active mode from Scan and Preset Scan modes.
6 Band	Changes to the desired band from among FM, AM, and SiriusXM.
7 HD Radio (Except GUAM Model)	Used to set whether to turn HD Radio™ reception On or Off.
8 Scan	Shortly plays the broadcasts for the frequencies with superior reception for 10 seconds per item.

Features	Description
SEEK/TRACK	• When pressed quickly (less than 0.8 seconds): Seeks the previous/next frequency. • When pressed and held down (more than 0.8 seconds): Moves quickly through all of the frequencies. The moment that you release the button, the system seeks the next available frequency.
TUNE	Turn the TUNE knob to manually seek available frequencies. • FM: Increment/decrement by 200 kHz • AM: Increment/decrement by 10 kHz • AM: Increment/decrement by 9 kHz (For GUAM Model)

HD Radio™ Technology (Except GUAM Model)

PSD	Program Service Data: Presents song name, artist, station IDs, and other relevant data streams.
HD2/HD3	FM stations can provide additional digital-only audio programming on HD2/HD3 Channels.
Digital Sound	Digital, CD-quality sound. HD Radio Technology enables local radio stations to broadcast a clean digital signal. AM sounds like today's FM and FM sounds like a CD.

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

Information

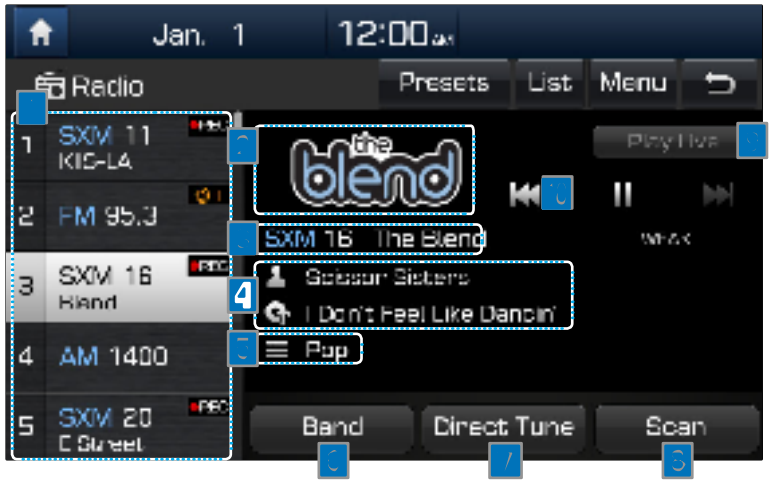
- The HD Radio™ screen is displayed only when a HD Radio™ broadcast is being received

HD Radio™

Name	Description
1 HD Radio™ Reception & Channel buttons	Displays main HD Radio™ channels and used to directly select the current available channels. The HD Radio™ related icon display becomes active within regions where an HD Radio™ signal can be received.
2 HD Channel Number	Analog station and corresponding HD Radio channel number saved in the preset list.
3 HD Radio Broadcast Info	Displays detailed information about the current broadcast (the details of the information shown are different depending on whether the Info button is selected)
4 HD Radio	When the HD Radio soft button is ON (the blue indicator on the HD Radio button is illuminated), HD Radio signals will be received.

SiriusXM™

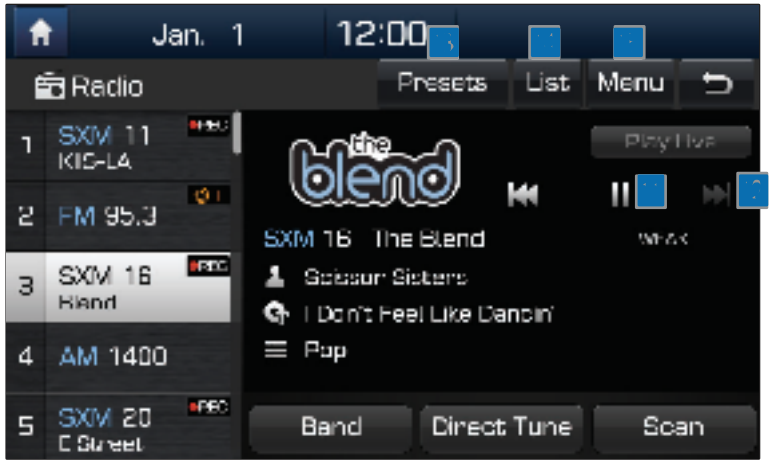
You can access the radio player either by pressing the RADIO key or by selecting the Radio menu option from All Menus on the Home screen. Select the SiriusXM™ band from the radio player.



Information

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

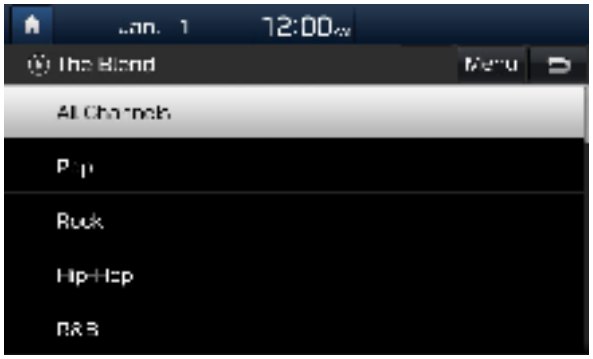
Features	Description
1 Preset Frequencies	• Shows the stored presets for user selection. • After selecting frequency, press and hold the preset button for more than 0.8 seconds. A beep sound will be heard and the frequency is to be stored in the selected preset button.
2 Channel Logo	Displays the current channel logo.
3 Channel Info	Displays the current channel number and name.
4 Content Info	Displays the artist, title and other information about the current playing song.
5 Category Info	Displays the category of the currently playing song.
6 Band	Changes to the desired band from among FM, AM, and SiriusXM.
7 Direct Tune	Used to search for the desired channel by entering the channel number.
8 Scan	Plays all receivable channels for 10 seconds per item.
9 Play Live	Switches to the live broadcast mode.
10 Skip Backward	Repeats the previously broadcasted program. • Holding for less than 0.8 seconds: Moves to the previous segment. • Holding for more than 0.8 seconds: Moves to the previous 5 seconds.



Features	Description
1 Play/Pause	Pauses/plays the current broadcasting program.
2 Skip Forward	Moves to the next segment.
3 Presets	Shows the stored presets for user selection.
4 List	Moves to the channel list.
5 Menu	• What is on My Presets? The program schedule saved in my preset. (For more details, see Section 2.8 Viewing Menu.) • Featured Favorites Theme channels recommended by SiriusXM™. (For more details, see Section 2.8 Viewing Menu.) • Sound Settings: Moves to the Sound Settings.
6 SEEK/TRACK	• When pressed quickly (less than 0.8 seconds): Plays the previous/next channel. • When pressed and held down (more than 0.8 seconds): Continuously changes the channel until the key is released and plays the current channel.
7 TUNE	Changes the channel.

Selecting through Channel/Category List

Select the List ▶ Select the desired category and channel.



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

If you select the Skip button, you can scan channels using the SEEK TRACK key or the TUNE knob by skipping the channels that you chose to skip.

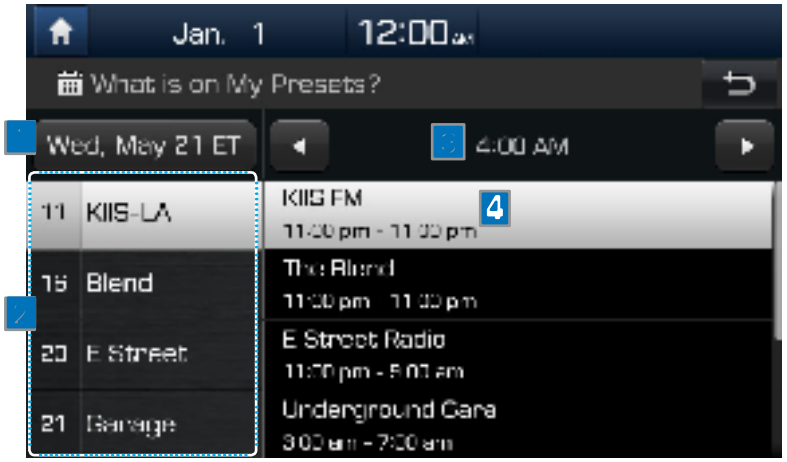
Direct Tune

Enter the number of the channel you want to receive.

Viewing Menu

Using the Menu button on the right, you can view the program schedule and information about the Featured Favorites provided by SiriusXM™.

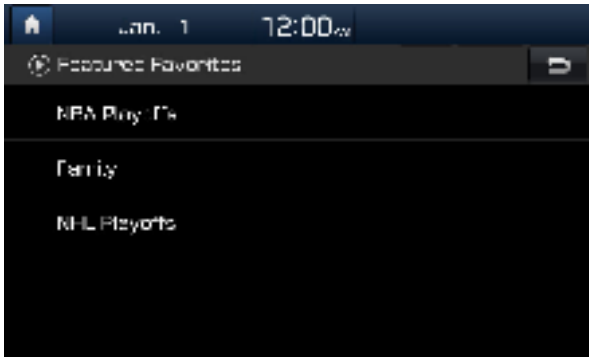
What is on My Presets? (Program Schedule)



You can select Menu to see program information and the schedules of broadcast channels listed in the presets.

Name	Description
1 Change Broadcast Date	By selecting this option, you can select a broadcasting date and time zone. Broadcast information will be provided for one week from the current date.
2 Preset	Shows saved presets for user selection ⓘ A total of 40 frequencies for SiriusXM™ modes can be displayed.
3 Broadcasting Time	You can select the time that you want.
4 Program Information	Shows you the program titles to be broadcast at the time that you have chosen. Select a program to see more details. ⓘ If there is more information on the program you selected, an arrow button will be displayed on the right of the list. You can see more program information by selecting the arrow button.

Featured Favorites



Featured Favorites feature allows SiriusXM™ to broadcast additional pre-sets.

- Example 1: “Martha’s Favorites” may represent Martha Stuart’s favorites pre-sets on her radio.
- Example 2: During holidays, “Holiday Music” may represent all the SiriusXM™ channels that are playing the holiday music for easy access by users.

Multiple sets Featured Favorites data can be broadcast by SiriusXM™ and can change from time to time.

Before Playing a USB MP3

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

- Files that are not standard format music/image files will not be played.
- For MP3/WMA/OGG files, only music files with compression rates between 8Kbps ~ 320Kbps can be played.
- Heed caution to static electricity when connecting/disconnecting external USB devices.
- Encoded MP3 Players will not be recognized when connected as an external device.
- When connecting an external USB device, the device may not properly recognize the USB is in some states.
- Only products formatted with byte/sectors under 64Kbyte will be recognized.
- 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 recognize 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 and image files is prohibited.
- Do not use the USB I/F to charge batteries or USB accessories that generate heat. Such acts may lead to worsened performance or damage to the device.
- The device may not recognize the USB device if separately purchased USB hubs and extension cables are being used. Connect the USB directly with the multimedia terminal of the vehicle.
- When using mass storage USB devices with separate logical drives, only files saved to the root drive can be played.
- When application programs are installed to specific USBs, files may not properly play.

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

Information

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

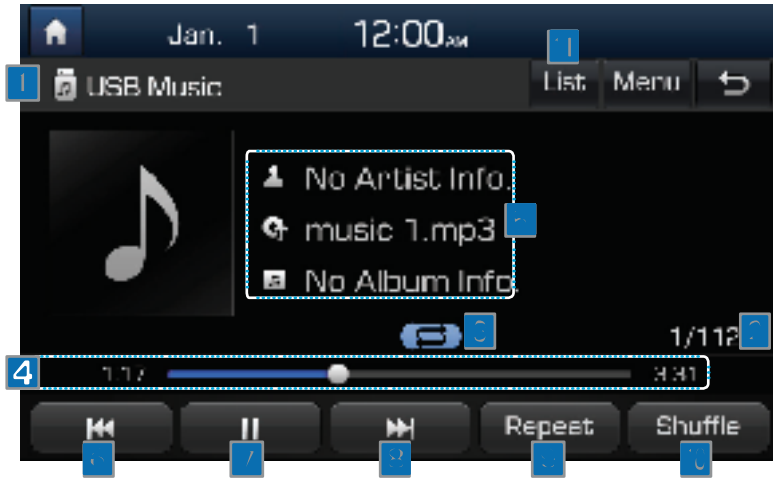
Supported USB MP3 music specifications

Name	Description
MP3 File Specification	Specification: MPEG1 AUDIO LAYER 3
Recommended Bit Rates and Sampling Frequency	Acceptable sampling frequency: 32, 44.1, 48 (kHz)
	Acceptable bit rate: 32, 40, 48, 56, 64, 80, 96, 112, 128, 160, 192, 224, 256, 320 (Kbps)
	96, 128, 192 Kbps fixed bit rate/44.1kHz
ID3 Tag	Supports ID3v1.0 and ID3v1.1, ID3v2.2, ID3v2.3, ID3v2.4 ID3 tags
Detailed Specifications	Maximum directory layers: 20 layers Maximum length of folder name/file name: 255Bytes Supported characters for folder name/file name: Alphanumeric characters, Korean standard character set 2,350 characters, Simplified Chinese 4888 characters Maximum number of folders which can be stored onto one USB: 2000 folders (including ROOT) Maximum number of files which can be stored onto one USB: 8000

Information

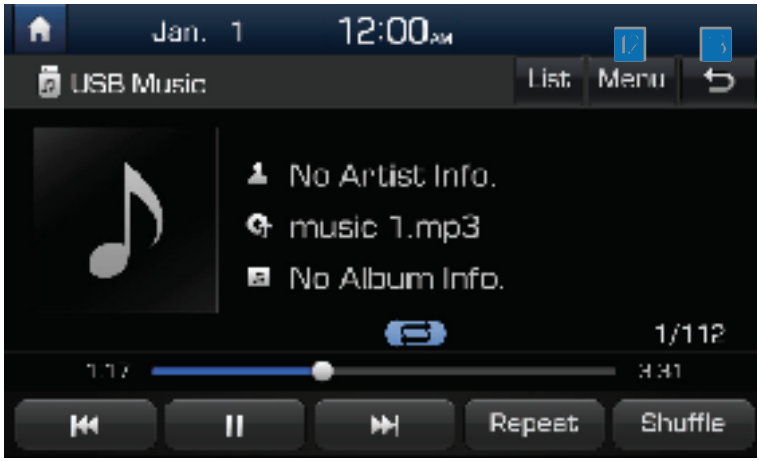
- The sound quality of MP3 files that use bitrates exceeding 192 Kbps cannot be guaranteed. When using files without fixed bit rates, some features (FF/REW features) may not properly operate.

USB Music

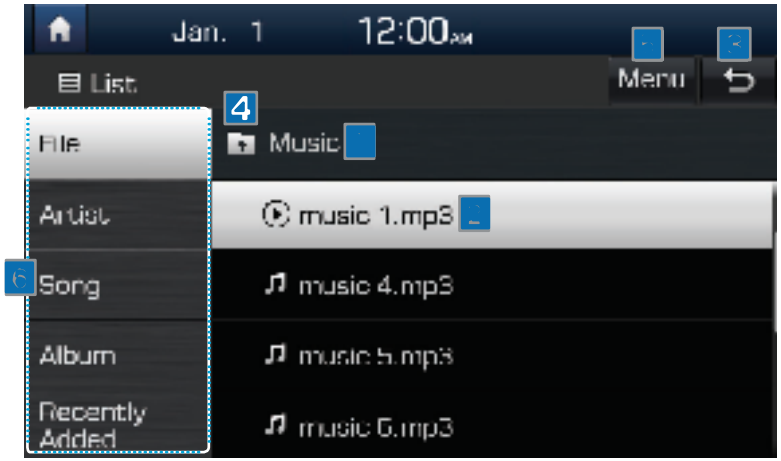


Features	Description
1 Mode	Displays the current operating mode
2 File Index	Shows the current file/total files within the USB
3 Repeat/Shuffle	From Repeat/Shuffle, displays the current operating function
4 Play Time	Displays the current play time/total play time
5 Song Info	Displays artist, title, album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

Features	Description
6 Previous File	• If button is pressed (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 more than 3 seconds, play the current file from the beginning • If button is pressed (more than 0.8 seconds) it rewinds the track
7 Play/Pause	Plays/pauses the current file
8 Next File	• If button is pressed (less than 0.8 seconds): Moves to the next file • If button is pressed (over than 0.8 seconds): It fast-forwards the track
9 Repeat	Repeats the current file • If select the song in the file tab on the list screen: Select the Repeat button to switch between repeating one song, repeating folder, and turning repeat off • If select the song in the other tabs (Playlist, Artist, Song, Album) on the list screen: Select the Repeat button to switch between repeating one song and turning repeat off
10 Shuffle	Plays files in random order • If select the song in the file tab on the list screen: Select the Shuffle button to switch between Shuffle Folder, Shuffle All, and turning shuffle off • If select the song in the other tabs (Playlist, Artist, Song, Album) on the list screen: Select the Shuffle button to switch between Shuffle Category and turning shuffle off
11 List	Moves to the list screen



Features	Description
2 Menu	• Hide Current File: a selected file can be deleted. Deleted file can be found in the 'Hidden_' folder. This function is only supported when USB format is compatible with FAT16 or FAT32. • Sound Settings: Moves to the Sound Settings.
3 Back Button	Converts to basic mode screen
4 TUNE	Turn the TUNE knob to search a desired track. If the desired track is displayed, select the TUNE knob to play the track. If you do not anything with the TUNE knob for 5 seconds of searching tracks, the track info for the current track is restored.



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

Features	Description
5 Menu	Show current track: when moving to a different list screen, moves to the list page where the current file is located (Becomes disabled when the current list includes the current file)
6 Search Menu	Search songs by the list type.
7 SEEK/TRACK	• If button is pressed (less than 0.8 seconds): Plays previous/next track • If button is pressed (over than 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 recognized due to operation of unsupported versions that do not support related protocols, iPod abnormalities, or iPod device defects. Some iPods with unsupported communication protocols may not properly operate with the Multimedia system.
- For fifth generation iPod Nano devices, the iPod may not be recognized when the battery level is low. Please charge the iPod for use.
- Search/play orders shown within the iPod device may differ with the orders shown within the 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 a 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 center 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 1~2 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 Motor 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.

Caution

- 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, the song that plays may be different between the system and the 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 the song is 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, the Apple device will not be able to use the Bluetooth function if the device is connected through both the USB port and via 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. Especially, if you use AUX cable like pictures, this problem may occur.
- 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)

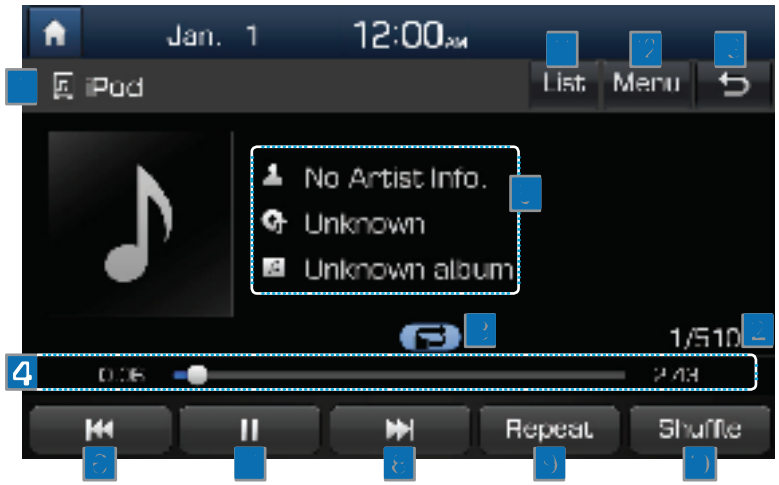
Caution

- 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	○	○	○	○	○	○	○	○	○	○	○	○	○

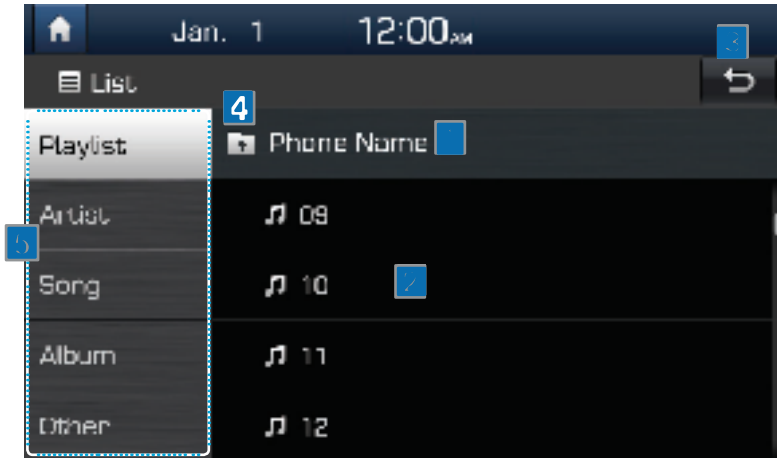
iPod



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

Features	Description
Previous File	• If button is pressed (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 more than 3 seconds, play the current file from the beginning • If button is pressed (over than 0.8 seconds) it rewinds the track
Play/Pause	Plays/pauses the current file
Next File	• If button is pressed (less than 0.8 seconds): Moves to the next file • If button is pressed (more than 0.8 seconds): It fast-forwards the track
Repeat	Repeats the current file Select the Repeat button to switch between repeating 1 track, and turning repeat off
Shuffle	Plays files in random order When selecting the Shuffle button, it changes to shuffle category → deactivate shuffle then repeat • Shuffle Category: Shuffle song in the current category
List	Moves to the list screen
Menu	Sound Settings: Moves to the Sound Settings.
Back Button	Move to home/previous mode screen

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



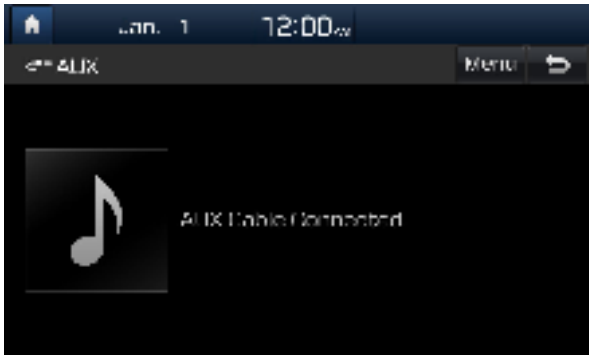
Features	Description
1 Category Name	Displays the category name
2 Category List	Displays the contents of selected category If there are many items in the list, items are added in order and the scroll bar on the right is adjusted accordingly.
3 Back Button	Converts to basic mode screen
4 Upper Category	Moves to Upper Category
5 Search Menu	Search songs by the list type.
6 SEEK/TRACK	• If button is pressed (less than 0.8 seconds): Plays previous/next track. • If button is pressed (over than 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. If you do not anything with the knob for 5 seconds, the TUNE knob search will be terminated.

AUX

Connecting an External Device

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

- AUX mode can be used only when an external audio player has been connected.
- The AUX volume can also be controlled separately through the connected device.



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

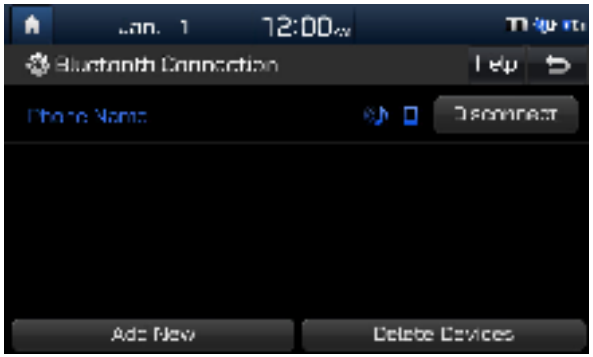
Features	Description
5 Previous File	• If play time is less than 3 seconds, moves to the previous file • If play time is more than 3 seconds, plays the current file from the beginning This function may differ depending on the model of mobile phone.
6 Play/Pause	Plays/Pauses Bluetooth Audio
7 Next File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

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.

Bluetooth Connection Settings

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



- In Bluetooth Audio play screen, select Menu and then Connections.

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.
- Please check the Bluetooth compatibility in below website: HYUNDAI Motor America https://www.hyundaiusa.com/bluetooth

part.3 Bluetooth

Before Using the Bluetooth® Handsfree

Bluetooth Connection

Bluetooth Phone

Before Using the Bluetooth® Handsfree

What is *Bluetooth*® Wireless Technology?

- ***Bluetooth***® Wireless Technology refers to a short-distance wireless networking technology which uses a 2.45GHz frequency to connect various devices within a certain distance.
- Supported within PCs, external devices, Bluetooth® phones, PDAs, various electronic devices, and automotive environments, ***Bluetooth***® Wireless Technology to be transmitted at high speeds without having to use a connector cable.
- Bluetooth® Handsfree refers to a device which allows the user to conveniently make phone calls with Bluetooth® mobile phones through the Multimedia system.
- The Bluetooth® Handsfree feature may not be supported in some mobile phones. For more information on mobile phone compatibility, visit the HYUNDAI website
  - HYUNDAI Motor America: https://www.hyundaiusa.com/bluetooth

WARNING

- Distracted Driving

- Focus on the road while driving. The driver's primary responsibility is in the safe and legal operation of the vehicle. Drivers should not use any hand held devices or other equipment or vehicle systems that distract the driver during vehicle operation.
- Do not stare at the multimedia screen for long periods of time while driving. Staring at the screen for prolonged periods of time can lead to traffic accidents and can result in personal injuries.

Precautions for Safe Driving

- Bluetooth® is a feature that enables drivers to make handsfree calls. 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 issue downloading your contacts to your vehicle, contact your mobile phone provider.

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

Pairing a New Device Through the Phone Settings

Press the [gear] key. ▶ Select Bluetooth. ▶ Select Bluetooth Connection. ▶ Select Add New. ▶ Pair your car after your mobile phone detects the Bluetooth device. ▶ Enter the passkey or accept the authorization popup. ▶ Connect Bluetooth.

The default passkey is 0000.

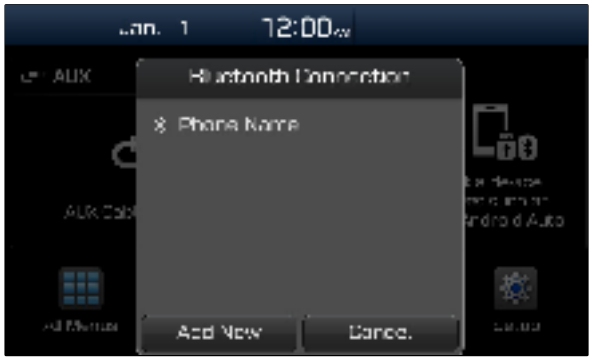
The vehicle name above is an example. Check the actual information on the product.

Connecting Bluetooth Devices

Connects the Bluetooth devices that you add.

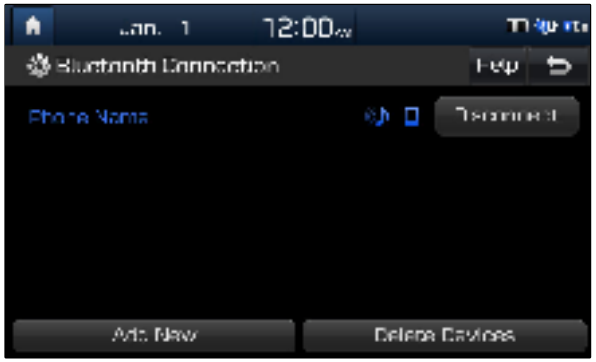
Connecting Devices by Selecting Phone/Call

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



Connecting Devices Through the Phone Settings

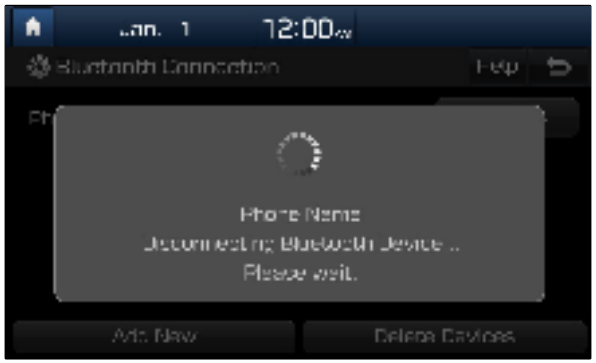
Press the key. ▶ Select Bluetooth. ▶ Select Bluetooth Connection. ▶ Select the name of the device to connect. ▶ Connect Bluetooth.



Disconnecting Bluetooth Devices

Disconnects Bluetooth devices that are connected.

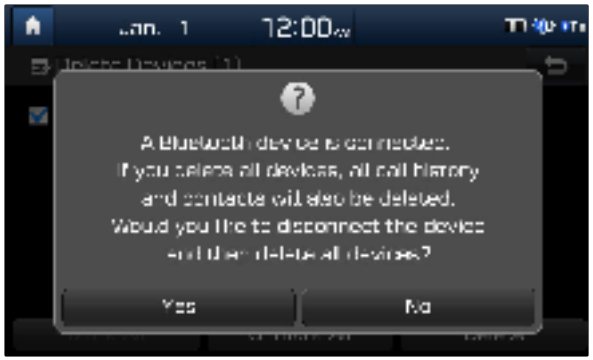
Press the key. ▶ Select Bluetooth. ▶ Select Bluetooth Connection. ▶ Select the name of the device to disconnect.



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.

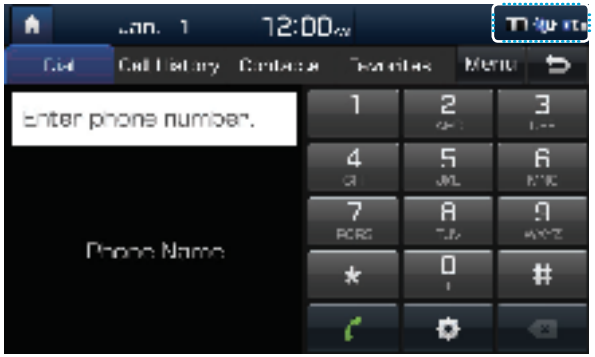
Press the key. ▶ Select Bluetooth. ▶ Select Bluetooth Connection. ▶ Select Delete Devices. ▶ Select the device name to delete. ▶ Select Delete.



Bluetooth Phone

Phone Status Icons

Shows the current phone status in the 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

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.

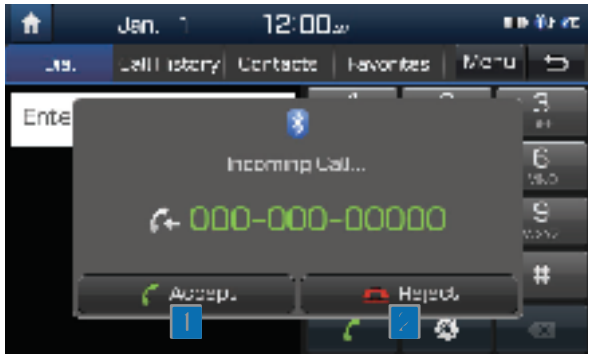
Select All Menus from Home screen display ▶ Phone ▶ Dial.

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

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.

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.

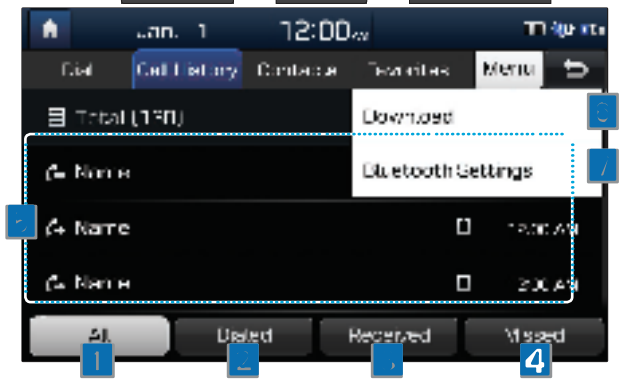
Name	Description
1 Use Private	Switches a voice call from the car Hands-free to the mobile phone.
2 End	Ends a call.
3 Contacts	Displays the Contacts list.
4 Outgoing Volume	Displays the Mic Volume settings. You can adjust the in-call volume that the other party hears (level 1 - 5).
5 Keypad	Moves to 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.

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.
- During a phone call on a Bluetooth Hands-free, you cannot access other modes, such as Radio and Settings.
- 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.



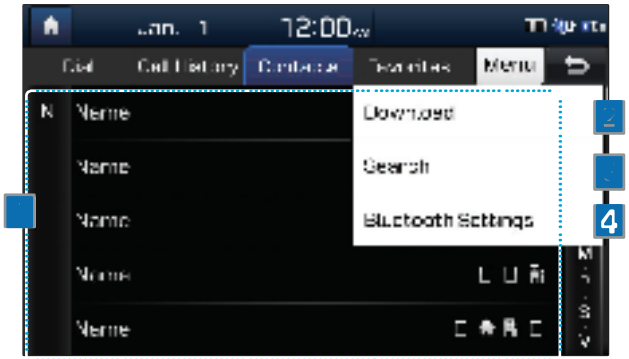
Name	Description
1 All	Lists the all call history.
2 Dialed	Lists the calls that you made.
3 Received	Lists the calls that you have received.
4 Missed	Lists the calls you missed.
5 Call History	Displays all of your call history. Select from the list to dial the number.
6 Download	Downloads the call history information from your mobile phone.
7 Bluetooth Settings	Provides the Bluetooth Connection/Auto Connection Priority/ Bluetooth System Information.

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 dialed/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 ( ).
- 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. For details regarding Bluetooth-supported devices and their functional compatibility, visit https://www.hyundaiusa.com/bluetooth

Contacts

Select All Menus ▶ Phone ▶ Contacts.



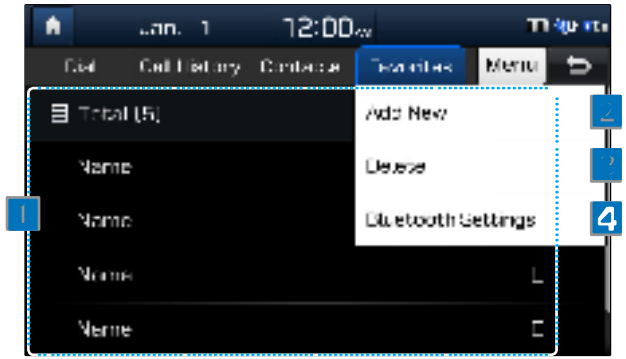
Name	Description
Contacts List	The list of Contacts. Select from the list to dial the number.
Download	Downloads contacts from your mobile phone.
Search	Searches Contacts.
4 Bluetooth Settings	Provides the Bluetooth Connection/Auto Connection Priority/ Bluetooth System Information.

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 head unit. Keep your important data in a safe place.
- 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. For Bluetooth supporting devices details and compatibility, visit https://www.hyundaiusa.com/bluetooth

Favorites

Select All Menus ▶ Phone ▶ Favorites.



Name	Description
1 Favorites	Lists the phone numbers saved as Favorites. Select from the list to dial the number.
2 Add New	Adds a new number to Favorites.
3 Delete	Deletes numbers that you select from Favorites.
4 Bluetooth Settings	Provides the Bluetooth Connection/Auto Connection Priority/ Bluetooth System Information.

MEMO

part.4 Voice Recognition

What is Voice Recognition?
Precautions Required for Successful Voice Recognition
Starting/Ending and Setting Voice Recognition
Voice Recognition Screen Overview
Voice Commands
Siri Eyes Free

Voice Recognition

What is Voice Recognition?

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

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

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

Precautions Required for Successful Voice Recognition

1. Voice recognition supports only the commands that are displayed on the screen and written in the User's Guide.
2. To ensure the correct recognition and execution of your command, say your command when you hear the beep after a voice prompt.
3. Voice recognition automatically ends if:
   1) A call is incoming or outgoing
   2) A media device (USB or iPod, etc.) is connected or disconnected
   3) The front or rear view camera is operated (optional)
   4) The car engine starts or stops
   5) A system key, such as RADIO key or MEDIA key is selected
4. The microphone used for the voice recognition system is located in the headliner directly above the driver's head. To make your commands better understood, keep your body straight in the driver's seat when speaking the command.
5. Speaking naturally and clearly will ensure better recognition of your voice commands.
6. In the following cases voice recognition will be affected by ambient noise.
   1) The sound of the wind if any window or the sun roof is open.
   2) High speed blower from the air vents. Set climate control to blow lower than level 3.
   3) Vibrations from passing through a tunnel.
   4) Vibrations from driving on an uneven road.
   5) Storms and heavy rain.

Starting/Ending and Setting Voice Recognition

Starting Voice Recognition

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

Ending Voice Recognition

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

Combining Voice Recognition with On-Screen Commands

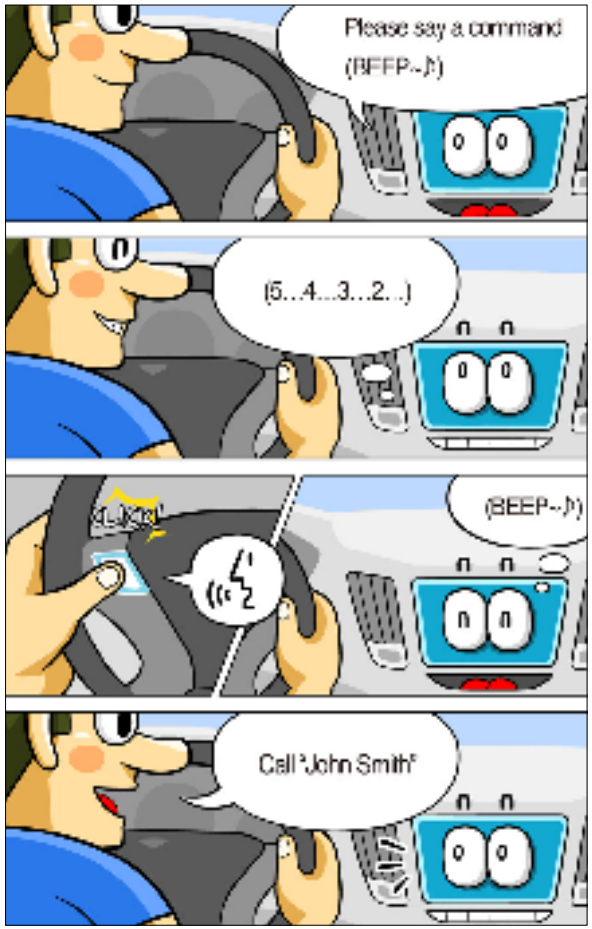
After pressing the [key] key, say a command after the beep. The voice recognition system will execute the desired operation after understanding the command. Alternatively, you may touch any of the corresponding Commands on the screen while the Voice Recognition system is in operation.

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

Extending the Listening Time

When the system is waiting for your command, after the voice prompt and beep have been heard, if you press the key (less than 0.8 seconds), then the beep will sound again and standby mode will restart.

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



Skipping Prompt Messages

When you hear the prompt message, press the key on the steering wheel control to skip the message and go directly to listening mode to say your command.

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

Information

- Refer to Part 7 for instructions on how to change the Voice Recognition Settings.

Adjusting Voice Recognition Volume

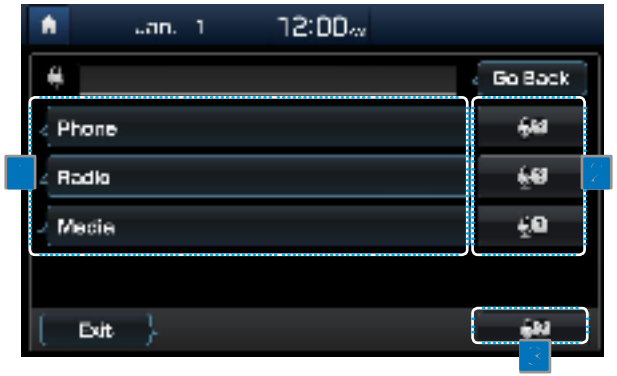
During voice recognition, rotate the volume knob to adjust the message volume.

Voice Recognition Screen Overview

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

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

Help Display



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

Instructions for Using Voice Recognition

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

Information

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

Voice Commands

Types of Commands

Voice recognition commands are classified as “Global Commands” and “Local Commands”.

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

Call Commands

* Check the following before using call commands:

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

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

Radio Commands

	Command	Operation
●	Radio	Plays the most recent radio channels from FM, AM, and SiriusXM™.
●	FM	Plays FM radio.
●	FM <87.5~107.9>	Tunes to FM <Frequency> according to what you say. e.g.) FM 87.5: FM eighty seven point five
●	SiriusXM	Plays SiriusXM™ radio.
●	SiriusXM <0~999>	Tunes to SiriusXM™ Channel <Channel Number> according to what you say. e.g.) SiriusXM 23: SiriusXM Twenty three
●	AM	Plays AM radio.
●	AM <530~1710> (For GUAM Model)	Tunes to AM <Frequency> according to what you say. e.g.) AM 530: AM Five thirty
○	Preset <1~40>	Tunes to your preset stations (1 to 40).
○	Channel <0~999>	In SiriusXM™ Radio mode, turns on the <Channel Number> that you say.

Media Commands

* Check the following before you use media commands.

1. If no media is connected or if no playable files exist at the time when you use these commands, a voice message will tell you that this is not available.
2. If you say the name of the media that is currently playing again, then that media will continue playing.
   e.g.) Saying “USB” while USB content is playing.

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

1. USB Music/iPod Command

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

2. Bluetooth audio/AUX command

For Bluetooth audio and external devices (AUX), local commands are unavailable, including Play, Pause, Repeat and Shuffle.

Other Commands List (Commands used in List/Help)

Command		Operation
●	Help	Moves to the voice recognition help screen. All available commands can then be identified and used.
○	Line 1~4 (One~Four)	When you cannot select a certain name, such as in Call History, you can select it using numbers. Simple numbers can be recognized, such as “One” or “Two”.
○	Yes/No	When voice recognition is activated, this command is used when an answer is requested for a confirmation question.
○	Previous/Next	When four or more searched items are listed, you can move to the previous or next page using a voice command.
○	Manual Input	When Dial entry results are displayed, this command is used to search manually, rather than to search with a voice command. Voice recognition stops after this command is used.
○	Go Back	Moves to the previous screen.
●	Exit	Ends the voice recognition.

Siri Eyes Free

How to start Siri

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

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

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

How to use Siri

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

Information

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

MEMO

part.5 Data Services

SiriusXM™ Data

Data Services

SiriusXM™ Data

The SiriusXM™ Data Service is a paid membership satellite radio service that provides users with information such as Weather, Sports, Stocks, Fuel Prices and Movies.
However, weather information is not supported for vehicles purchased in Canada.

Accessing SiriusXM™ Data

Select the SiriusXM Data icon after selecting All Menus to enter the SiriusXM Data mode.

SiriusXM™ Weather Announcement

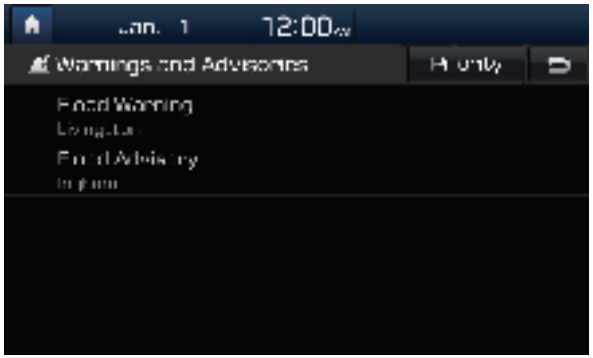
At the “SiriusXM Data” screen, select the Weather icon to enter the Weather Announcement mode.

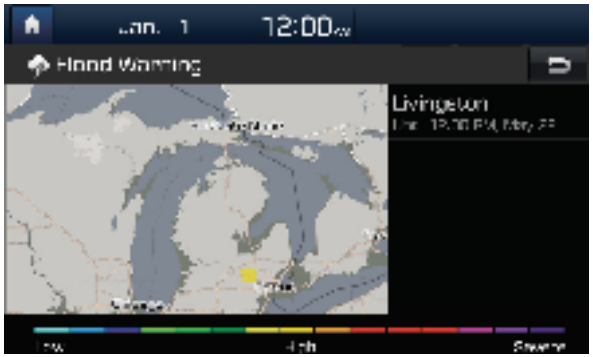
Weather Forecast

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

Warnings and Advisories

This service provides weather warnings and advisories, such as tornado, storm, flood, etc.

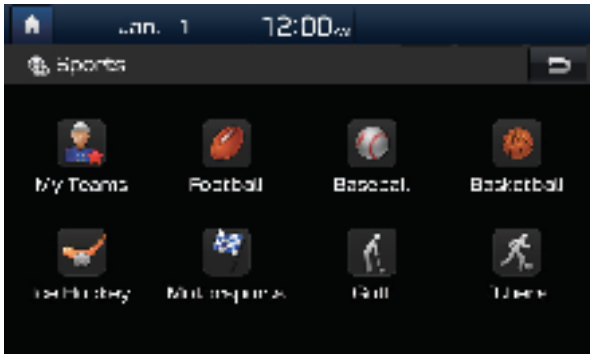




SiriusXM™ Sports Information

Select the Sports icon to enter the Sports mode.

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

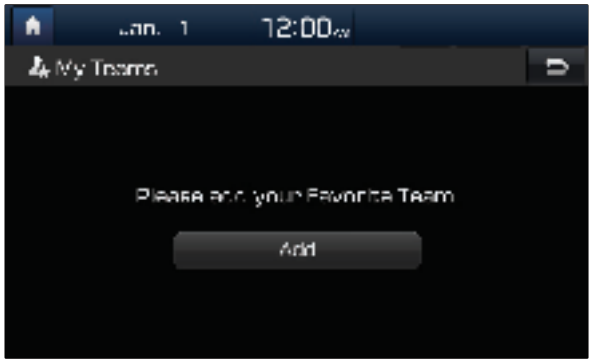


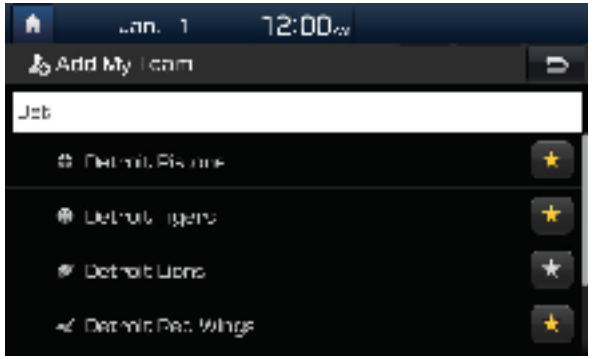
My Teams

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

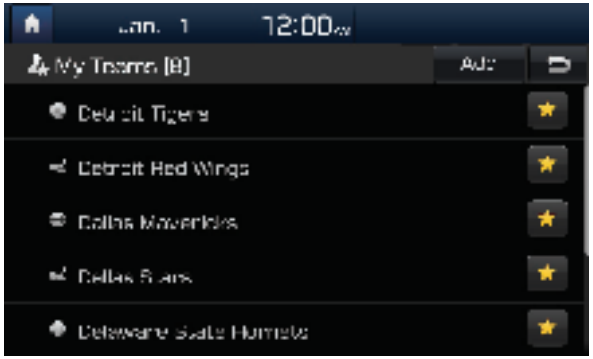
Select the My Teams menu and then select the Add button to search for and register your favorite teams.

Search for your favorite teams and select the ★ button on the right to add it to the "My Teams" list.

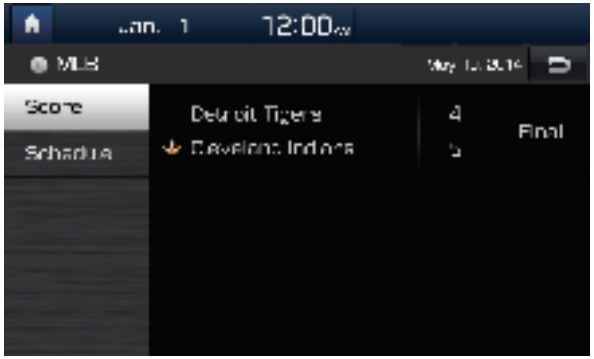




You can always check the list of teams that you added in the “My Teams” menu. Select the ★ button on the right side of the team name to delete the team from “My Teams” or select the Add button to add other teams.



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



SiriusXM™ Stock Information

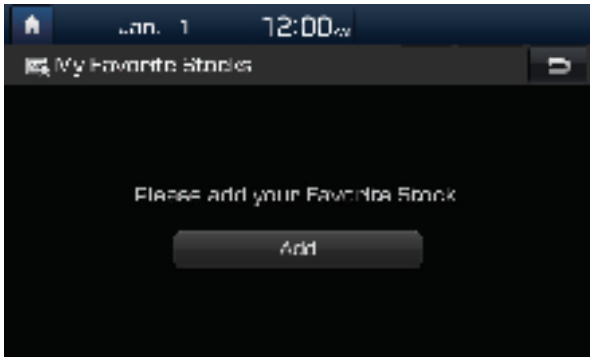
In the “SiriusXM Data” screen, select the Stocks icon to enter the Stocks mode.

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

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

My Favorites

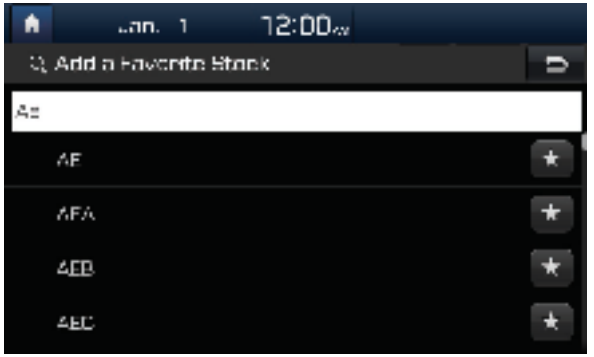
My Favorites shows a list of stocks added by the user. When entering the Stocks menu for the first time, a screen is displayed for you to add your favorite stock information. Select the Add button to move to the stock search screen.



Stock Search

Use the Stock Search menu to search for specific stocks.

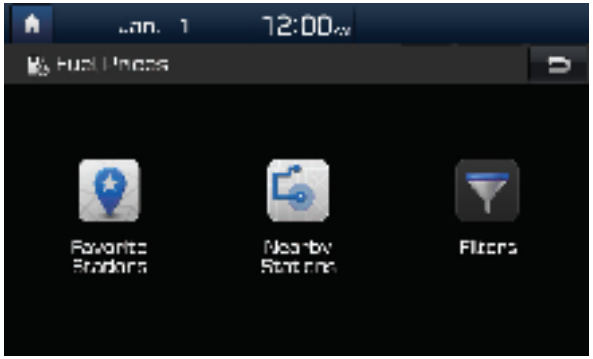
Select the ★ button after searching for your favorite stocks to save them in “My Favorites”.



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

SiriusXM™ Fuel Price Information

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

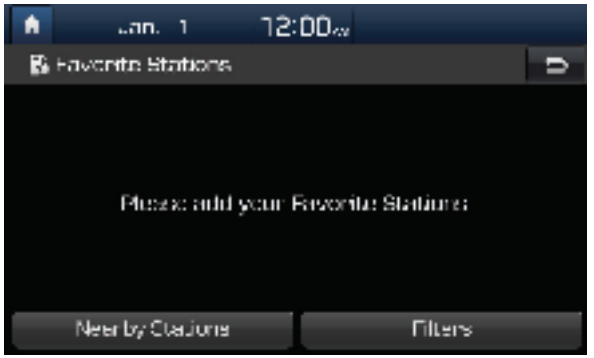


Search for Nearby Stations, and Register Key Locations as Favorite Stations.

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

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

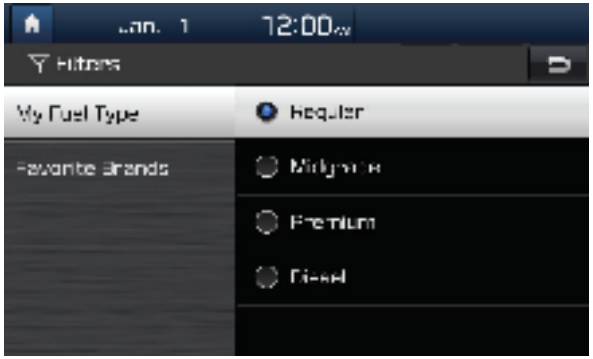
Select the ★ button to the right of the list to register key locations as a Favorite Station so that you can go there again with the “Favorite Stations” menu.



My Fuel Type Settings

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

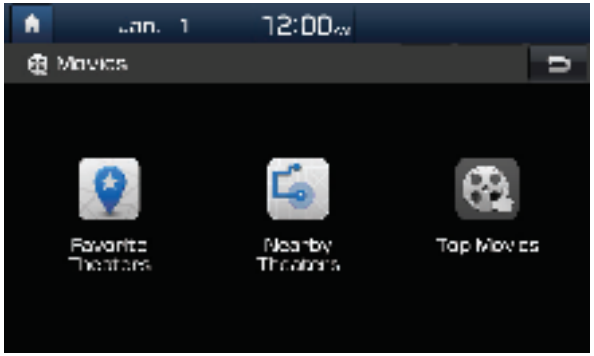
When searching for Nearby Stations, the results will reflect selected fuel types and brand information.



SiriusXM™ Movie Information

Select the Movies icon to enter the Movie mode.

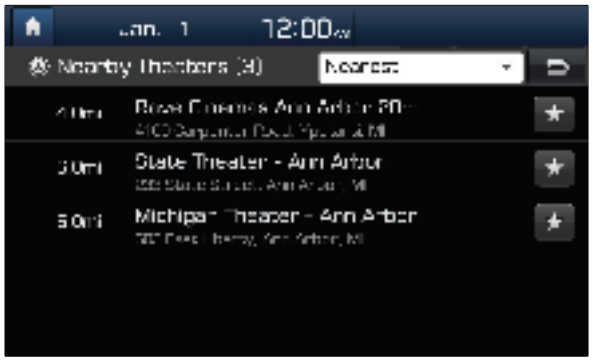
You can check recent movies and nearby theaters, and also register your favorite theater locations.

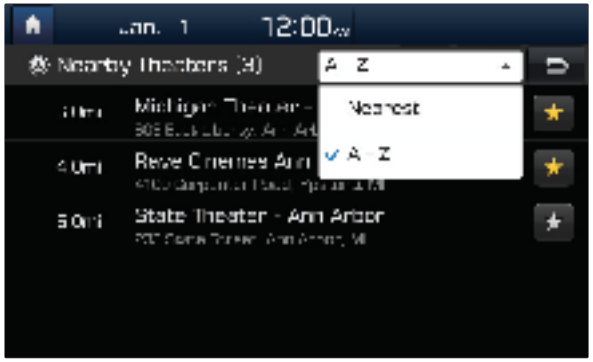


Search for Nearby Theaters, and Register Any Key Locations as Favorite Theaters.

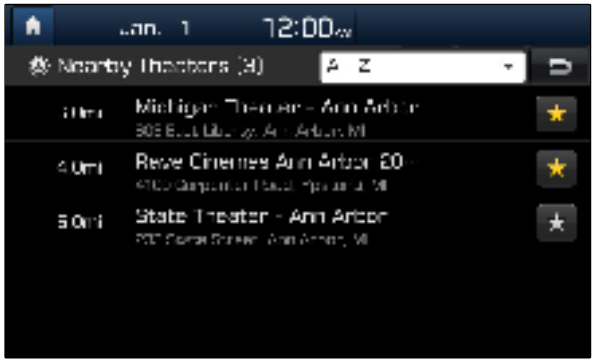
In the “Nearby Theaters” menu, you can search for any nearby theaters.

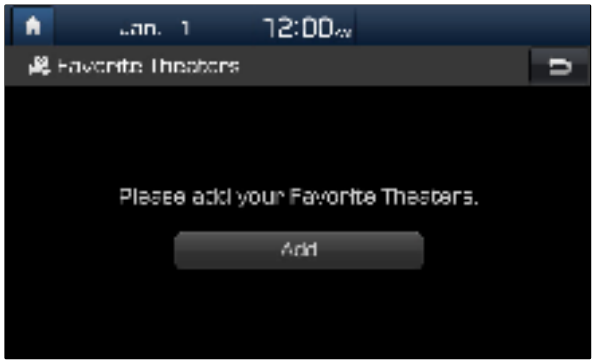
It shows theaters, starting from the nearest one, and selecting the “Nearest” menu at the top right side will sort them by name.





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





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

part.6 Other Features

Camera

Other Features

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.

Information

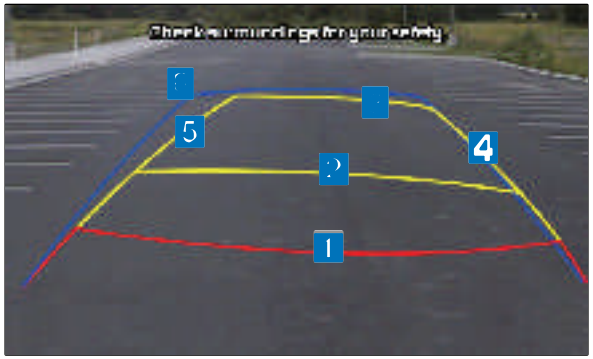
- While the device boots up, shift the gear to "R" to activate the rear detection cameras. Shift the gear to another position to deactivate the rear detection camera.
- The camera screen shown while the system boots up does not display any text or buttons.

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.

NOTICE

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



Name	Description
1 Red Line	About 0.5m from the rear bumper
2 Yellow Line 1	About 1m from the rear bumper
3 Yellow Line 2	About 3m 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.

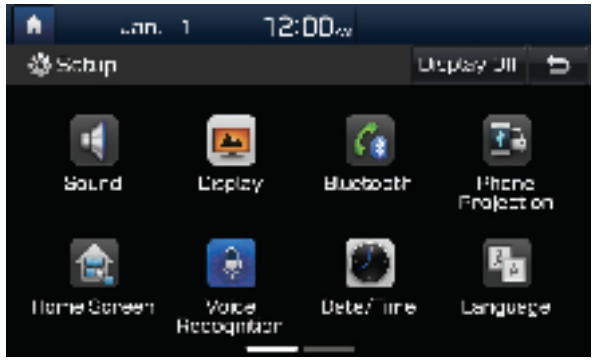
part.7 Setup

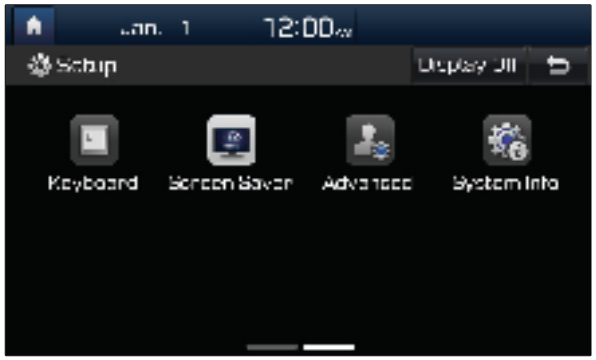
Setup
Sound Settings
Display Settings
Bluetooth Settings
Phone Projection Settings
Home Screen Settings
Voice Recognition Settings
Date/Time Settings
Language Settings
Keyboard Settings
Screen Saver Settings
Advanced Settings
System Info

Setup

Setup is the screen to control Audio system settings.

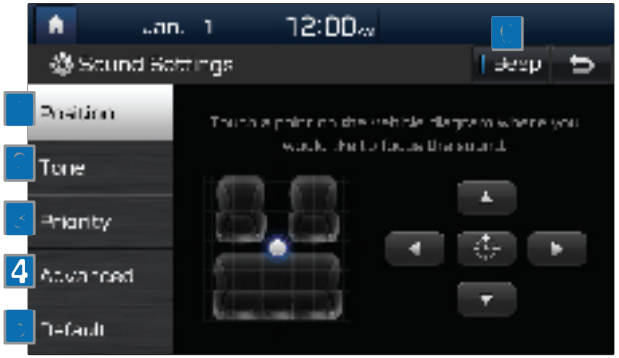
To enter the screen, press the ⚙ key or the Setup icon in All Menus.





Sound Settings

Adjusts the sound effects for the whole system.



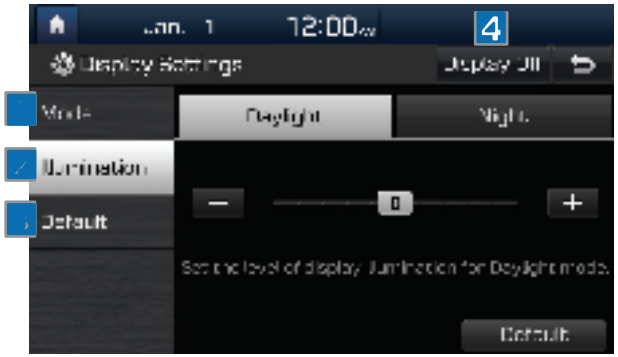
Features	Description
Position	Select the Up/Down/Left/Right button to control sound positioning. Select ⊙ to concentrate the sound on the center of vehicle.
Tone	Drag the slide bar to control Bass/Middle/Treble settings. Select Center to initialize the settings.
Priority	Sets the volume ratio when reversing the car, turning on the car's ignition, etc.
4 Advanced	Select additional audio options such as "Speed Dependent Volume Control" that automatically controls Audio volume according to vehicle speed.
Default	Resets the sound to factory default settings.
Beep	Select to activate a beep when pressing buttons.

Information

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

Display Settings

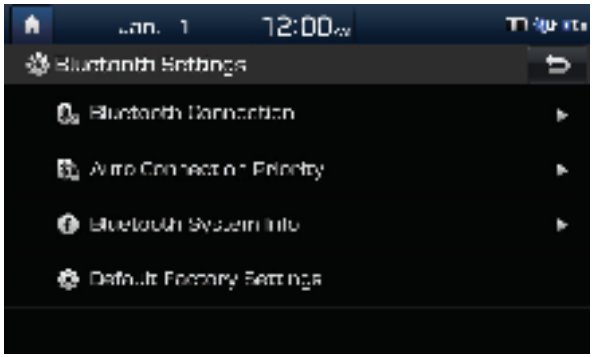
Adjusts the level of illumination for the entire system.



Features	Description
1 Mode	Select any of LCD illumination change modes: Automatic (changes the level automatically), Daylight, and Night.
2 Illumination	Set the levels of illumination for day and night. Select Default to initialize the settings.
3 Default	Resets the display to factory default settings.
4 Display Off	Provides the Display Off (touch activation) function.

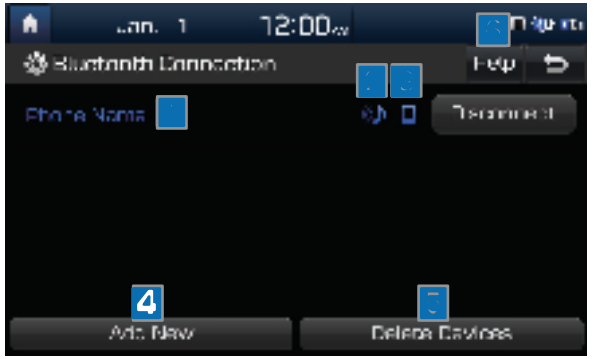
Bluetooth Settings

Changes Bluetooth phone settings.
Press the ⚙ key ▶ Select Bluetooth.



Bluetooth Connection Settings

Press the ⚙ key ▶ Select Bluetooth ▶ Select Bluetooth Connection.



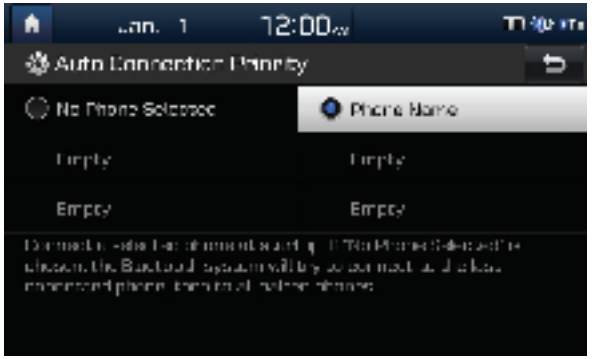
Features	Description
1 Paired Device List	Displays the paired Bluetooth device list. When selecting from the list, the device is connected or disconnected.
2 Bluetooth Audio Connection Status	An icon appears when you make a Bluetooth Audio connection.
3 Bluetooth Hands-Free Connection Status	An icon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

Information

- Up to 5 Bluetooth devices can be paired.
- Only one Bluetooth device can be connected at a time.
- During a Bluetooth device connection, another device cannot be paired.
- When you delete a paired device, the Call History and Contacts stored in the head unit are also 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 Bluetooth ▶ Select Default Factory Settings.

Auto Connection Priority

Press the [⚙] key ▶ Select Bluetooth ▶ Select Auto Connection Priority.

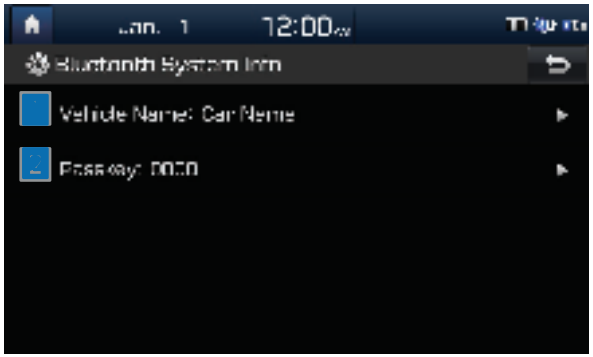


When the engine is running, the selected Bluetooth device is automatically connected. If you fail to connect the selected device, the previously-connected device is automatically connected, and if it also fails, then it tries to connect all paired devices sequentially.

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

Bluetooth System Information

Press the ⚙ key ▶ Select Bluetooth ▶ Select Bluetooth System Info.



Features	Description
Vehicle Name	You can change the Bluetooth device name of the vehicle.
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.

Home Screen Settings

You can customize the three menu items at the bottom right of the Home Screen into the ones you want.

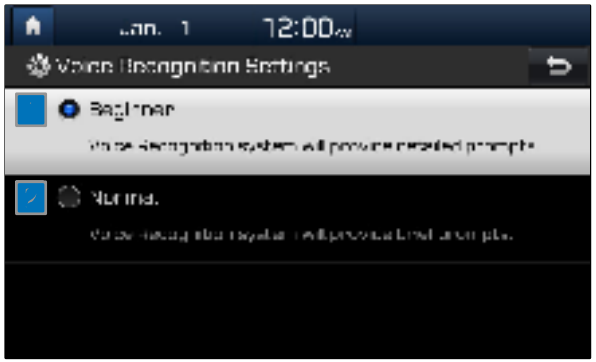
On the Home Screen Settings screen, drag the menu items on the right to the area marked in blue in the screen below.

Information

- You can select the Default button to reset to the factory default settings.

Voice Recognition Settings

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



Features	Description
Beginner	For beginners, the voice recognition system provides voice prompts.
Normal	For normal users, the voice recognition system provides simple and short voice guidances.

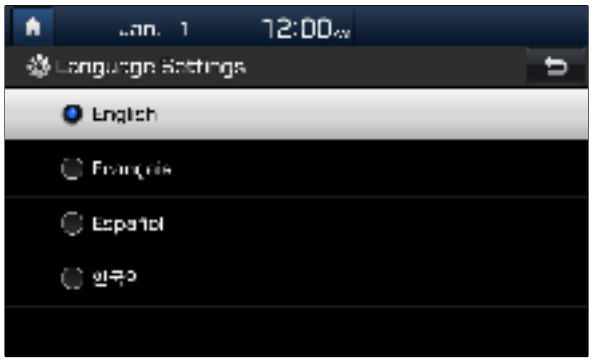
Date/Time Settings

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
Direct entry	If you tap any value, you can directly enter the number in the following screen.
Daylight Saving Time	The daylight saving time (DST) is applied.
24 Hours	The time display is set in 24-hour format.

Language Settings

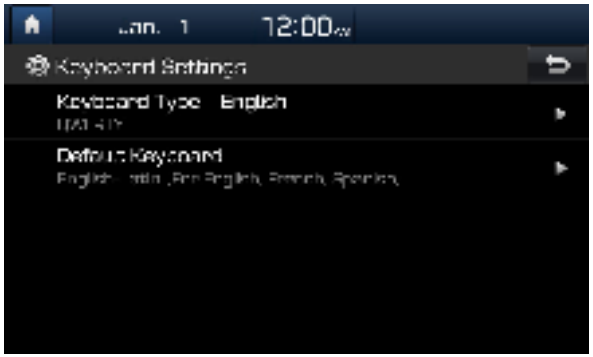
You can configure the displayed system language.



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

Keyboard Settings

You can configure the keyboard layout for each language.



You can configure ABCD or QWERTY keyboards for the system.

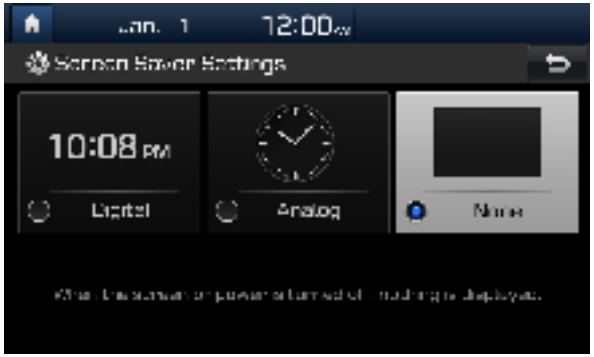
Information

- Configured keyboard layouts are applied to all input modes.

Screen Saver Settings

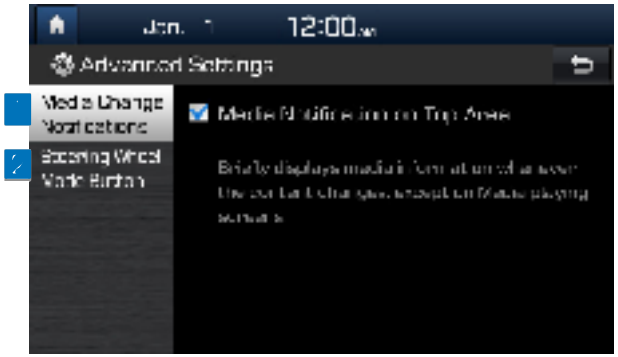
You can select any of the following screen formats to be displayed when the screen or power is turned off (Press and hold the Power button).

- Digital clock and date
- Analog 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 Steering Wheel Mode Button	Sets the media to be played when the steering wheel or rear seat (if provided) MODE button is pressed.

System Info

You can view software version.

Features	Description
1 SW Info	System version information and update details are available. 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 USB memory with the latest file downloaded, and then select the Update button to begin updating. The system will then reboot automatically.

Information

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

CAUTION

- If the power is disconnected or the USB is removed during an update, the data might be damaged. Please do not turn off the vehicle while an update is in progress.
- When Default is selected, it may delete all of the data and settings so be cautious of your action.

part.8 Appendix

Product Specification

Troubleshooting

FAQ

Appendix

Product Specification

TFT-LCD

Screen Size	8 inch(176.4 x 99.36mm)
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 ~ 107.9 MHz(Step: 200 kHz)
	AM: 530 kHz ~ 1710 kHz(Step: 10 kHz)
	AM: 531 kHz ~ 1701 kHz(Step: 9 kHz) (For GUAM Model)
Sensitivity	FM: Under 10dBuV/AM: Under 35dBu EMF
Distortion Factor	Within 2%

Common

Power Supply	DC 14.4V	Operating Power	DC 9V ~ DC 16V
Dark Current	1mA(Head Unit Only)		
Operating Temperature	-20 ~ +70°C (-4 ~ +158°F)	Storage Temperature	-30 ~ +80°C (-22 ~ +176°F)
Dimensions	295.9 x 159.8 x 193mm		
Current Consumption	2.5A	Weight	2.1kg

Bluetooth® Wireless Technology

Frequency Range	2402 ~ 2480 MHz	Supported Bluetooth® Specification	3.0
Supported Profile	Handsfree(1.6), A2DP(1.2), AVRCP(1.4), PBAP(1.0)		
Bluetooth Power Class 2	-6 ~ 4 dBm	Number of Channels	79 channels

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	• Because the LCD is manufactured with technology requiring high point density, a pixel or lighting deficiency may occur within 0.01% of total pixels
The sound or image is not working	• Has the Switch for the vehicle been turned to [ACC] or [ON]? • Has the SYSTEM been turned OFF?
The screen is being displayed but sound is not working	• Has the volume been set to a low level? • Has the volume been muted?
When the power is turned on, the corners of the screen are dark	• The display appearing somewhat dark after prolonged periods of use is normal with LCD panels. It is not a malfunction • If the screen is very dark, contact your nearest Hyundai dealer for assistance
Sound is working from only one speaker	• Are the positions of Fader or Balance sound controls adjusted to only one side?
Sound does not work in AUX mode	• Are the audio connector jacks fully inserted into the AUX terminal?
The external device is not working	• Is the external device connected with a standard connector cable?
Upon turning power on, the most recent mode screen is not displayed	Within modes that play files by reading external sources, such as USB, iPod, or Bluetooth® streaming mode, the most recently played mode screen prior to turning off power may not properly load • 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	The fuse is disconnected	• Replace with a suitable fuse • If the fuse is disconnected again, please contact your point of purchase or Hyundai dealer
	Device is not properly connected	• Check to see that the device has been properly connected
The system does not play	The vehicle battery is low	• Charge the battery If the problem persists, contact your point of purchase or Hyundai dealer

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

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

Problem	Possible Cause	Countermeasure
The iPod is not recognized even though it has been connected	• There are no titles which can be played	• Use iTunes to download and save MP3 files into the iPod
	• The iPod firmware version has not been properly updated	• Use iTunes to update the firmware version and reconnect the iPod with the device
	• The iPod device does not recognize downloads	• Reset the iPod and reconnect with the device
Bluetooth does not work or its limited functions are available	• Bluetooth on your mobile phone is set to OFF	• Set it to ON
	• The Bluetooth connection is not made	• Make the connection active

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 (more than 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 ▶ Bluetooth ▶ Bluetooth System Info ▶ Passkey menu options.

About Making/Answering Phone Calls

Q How can I answer a call?

A When there is an incoming call, a notification pop-up will become displayed. To answer the incoming call, select the Accept button on the screen or press the key on the steering wheel control.
To reject the call, select the Reject button on the screen or press the 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 (more than 0.8 seconds) the key on the steering wheel control or select the Use Private button at the bottom of the Phone screen to switch the call to your mobile phone.

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

Q What is the range of my wireless connection?

A The wireless connection can be used within 15 yards.

Q How many mobile phones can be paired?

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

Q Why is call quality sometimes poor?

A Check the reception sensitivity of the mobile phone when call quality becomes worsened. The call quality may deteriorate when the signal strength is low. Call quality may also worsen if metal objects, such as 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.

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Important 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.

General Operation

Voice Command Control

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

Prolonged Views of Screen

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

Volume Setting

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

Use of Speech Recognition Functions

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

FCC Warning

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution: Any changes or modifications to this device not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum 20 cm between the radiator and your body. This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter unless authorized to do so by the FCC.

IC Warning

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

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

G3EUH03
(영어 | 미국) 디오디오

HYUNDAI

Car Multimedia System
Quick Reference Guide

Thank you for purchasing this multimedia system.

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

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

Precaution for safe usage

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

- SiriusXM service requires a subscription, sold separately, after 3-month trial included with vehicle purchase. If you decide to continue your SiriusXM service at the end of your trial subscription, the plan you choose will automatically renew and bill at then-current rates until you call Sirius XM at 1-866-635-2349 to cancel. See our Customer Agreement for complete terms at www.siriusxm.com. Programming subject to change. Sirius satellite service is available only to those at least 18 and older in the 48 contiguous USA, D.C., and PR (with coverage limitations). Traffic information not available in all markets. See siriusxm.com/traffic for details. Sirius, XM and all related marks and logos are trademarks of Sirius XM Radio Inc.

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.

Hyundai Vehicle Owner Privacy Policy

Your Hyundai vehicle may be equipped with technologies and services that use information collected,
generated, recorded or stored by the vehicle. Hyundai has created a Vehicle Owner Privacy Policy to explain how these technologies and services collect use and share this information.

You may read our Vehicle Owner Privacy Policy on the Hyundaiusa.com website at: https://www.hyundaiusa.com/owner-privacy-policy.aspx
If you would like to receive a hard copy of our Vehicle Owner Privacy Policy, please contact our Customer Connect Center at:

Hyundai Customer Care
P.O. Box 20850
Fountain Valley, CA 92728
800-633-5151
consumeraffairs@hmausa.com

Hyundai's Customer Connect Center representatives are available Monday through Friday,
between the hours of 5:00 AM and 7:00 PM PST and Saturday and Sunday between 6:30 AM and 3:00 PM PST (English).
For Customer Connect Center assistance in Spanish or Korean, representatives are available Monday
through Friday between 6:30 AM and 3:00 PM PST.

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Head Unit

For GUAM Model

Name		Description
1	RADIO	Selects FM/AM/SiriusXM™ mode. • Each time this is pressed, the mode is changed in the following order: FM → AM → SiriusXM™ → FM. Degradation of the satellite signal may occur depending on the SiriusXM satellite coverage (http://www.siriusxm.com).
2	MEDIA	Selects MEDIA mode.
3	SEEK TRACK	When pressed quickly (less than 0.8 seconds), • FM/AM mode: Plays the previous/next frequency. • SiriusXM™ mode: Changes the channel. • MEDIA mode: Changes the track, file or title (except for AUX). When pressed and held down (more than 0.8 seconds), • 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	APPS/	Moves to the Apps/Info screen.
5	DISP	Turns the screen on/off.

Component Names and Functions

For GUAM Model

Name		Description
1		Displays the Bluetooth phone mode.
2		Moves to the Setup screen.
3	POWER/ VOL	• When power is off, press to turn power on. • When power is on, press and hold (more than 0.8 seconds) to turn the power off. • When power is on, press quickly (less than 0.8 seconds) to turn Audio off. • Turn left/right to adjust the volume.
4	TUNE	• FM/AM mode: Changes the frequency. • SiriusXM™ mode: Changes the channel. • MEDIA mode: Changes the track, file or title (except for Bluetooth Audio, and AUX).
5	RESET	Resets the system settings. (Preset radio channels and other data will not be deleted)

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

Steering Wheel Controls

	Name	Description
1		When pressed quickly (less than 0.8 seconds), • Activates voice recognition When pressed and held down (more than 0.8 seconds), • Ends voice recognition • If iOS device is connected through Bluetooth, activates or ends Siri Eyes Free
2	MODE	• Each time this is pressed, the mode is changed in the following order: FM → AM → SiriusXM → USB or iPod → AUX → Bluetooth Audio → FM • If the media is not connected, the corresponding modes will be disabled • Press and hold (more than 0.8 seconds) to turn the Audio system on/off • When power is off, press button to turn power back on
3	VOL + VOL -	Controls the volume
4		When pressed quickly (less than 0.8 seconds), • FM/AM mode: searches broadcast frequencies saved to Presets • SiriusXM™ mode: searches broadcast channels saved to Presets • Media mode: changes the track, file or title (except for AUX) When pressed and held down (more than 0.8 seconds), • FM/AM mode: automatically searches broadcast frequencies • SiriusXM™ mode: automatically searches broadcast channels • Media mode: quickly looks up songs (excluding AUX and Bluetooth audio files)

Name		Description
5		When pressed quickly (less than 0.8 seconds), • When pressed in the dial screen, makes a call • When pressed in the incoming call screen, answers the call • When pressed during call waiting, switches to waiting call (Call Waiting) When pressed and held down (more than 0.8 seconds), • When pressed in Bluetooth® Hands-free, redials the last dialed call • When pressed during a Bluetooth® Hands-free call, switches call back to mobile phone (Private) • When pressed while calling on the mobile phone, switches call back to Bluetooth® Hands-free (operates only when Bluetooth® Hands-free is connected)
6		• When pressed during a call, ends the phone call • When pressed in the incoming call screen, rejects the call

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

Learn how to touch the screen to operate the system.

Select

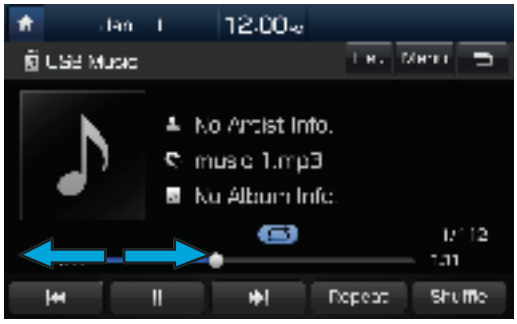
Tap lightly on a menu or an item to select it.

NOTICE

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

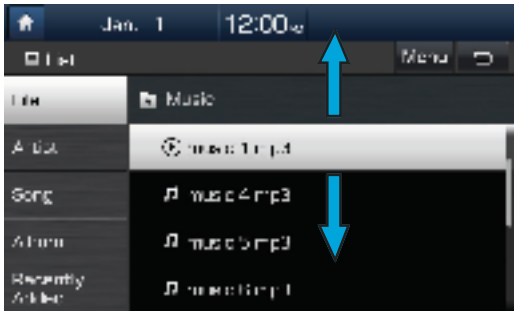
Drag & Drop

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



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

Flick (Quick Scrolling)



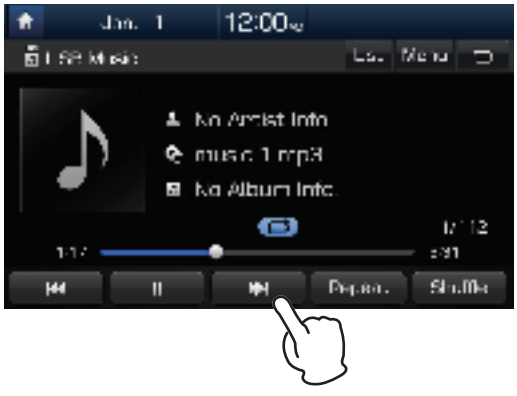
Quickly moves up and down in the list.

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.

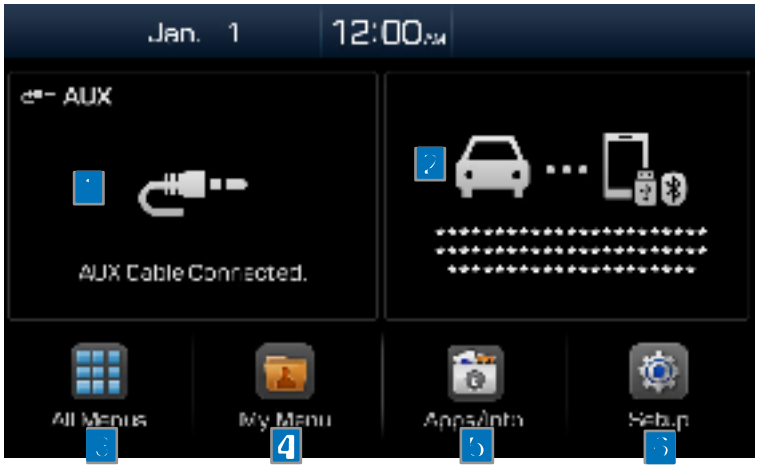
Press and Hold

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



Controls Menu Configuration for the Home Screen

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



Features	Description
1 Radio/ Media Widget	• Shows brief information on the radio or media that is now playing. • Tap the area to move to the mode that you are listening to.
2 Phone Projection Widget	Shows any connected devices such as iPod and Bluetooth.
3 All Menus	Shows all of the items in the system menu.
4 My Menu	Add your favorite menus to have quick and easy access to them.
5 Apps/Info	Moves to the Apps/Info screen.
6 Setup	Moves to the Setup screen.

Information Display on the Status Bar

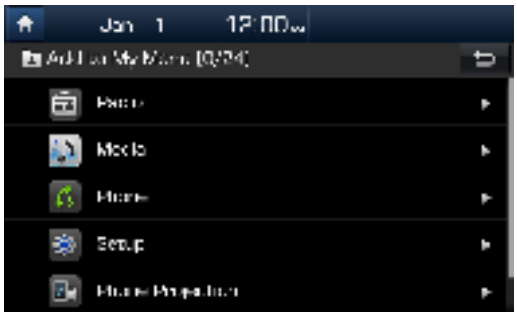
Displays the date and time, along with the system status shown by the various icons to the right of the clock.

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

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

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.



Information

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

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.

Information

- If you press the RADIO key when power is off, the power will turn on and a radio broadcast will be tuned from the current mode.

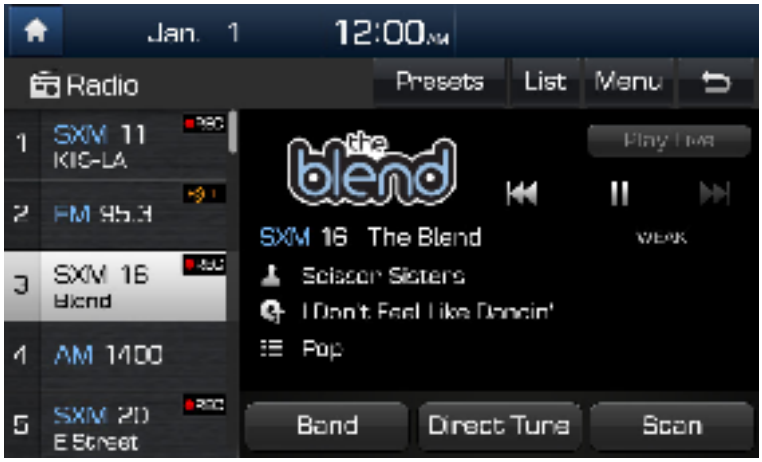
Features	Description
1 Preset Frequencies	• The stored preset frequencies are displayed for user selection. • After selecting frequency, press and hold the preset button for more than 0.8 seconds. A beep sound will be heard and the frequency is to be stored in the selected preset button. • Flick the preset frequencies up/down to scroll quickly through presets.
2 Frequency	Displays the current frequency.
3 Presets	Shows the stored presets for user selection.
4 Menu	• List: Moves to the frequency list. • Info: Turns the Radio text information transmitted from the broadcasting station on and off. • Sound Settings: Moves to the Sound Settings.

Features	Description
Scan/ Preset Scan	Displays an active mode from Scan and Preset Scan modes.
Band	Changes to the desired band from among FM, AM, and SiriusXM.
HD Radio (Except GUAM Model)	Used to set whether to turn HD Radio™ reception On or Off.
Scan	Shortly plays the broadcasts for the frequencies with superior reception for 10 seconds per item.
SEEK/TRACK	• When pressed quickly (less than 0.8 seconds): Seeks the previous/next frequency. • When pressed and held down (more than 0.8 seconds): Moves quickly through all of the frequencies. The moment that you release the button, the system seeks the next available frequency.
TUNE	Turn the TUNE knob to manually seek available frequencies. • FM: Increment/decrement by 200 kHz • AM: Increment/decrement by 10 kHz • AM: Increment/decrement by 9 kHz (For GUAM Model)

HD Radio™

Name	Description
1 HD Radio™ Reception & Channel buttons	Displays main HD Radio™ channels and used to directly select the current available channels. The HD Radio™ related icon display becomes active within regions where an HD Radio™ signal can be received.
2 HD Channel Number	Analog station and corresponding HD Radio channel number saved in the preset list.
3 HD Radio Broadcast Info	Displays detailed information about the current broadcast (the details of the information shown are different depending on whether the Info button is selected)
4 HD Radio	When the HD Radio soft button is ON (the blue indicator on the HD Radio button is illuminated), HD Radio signals will be received.

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



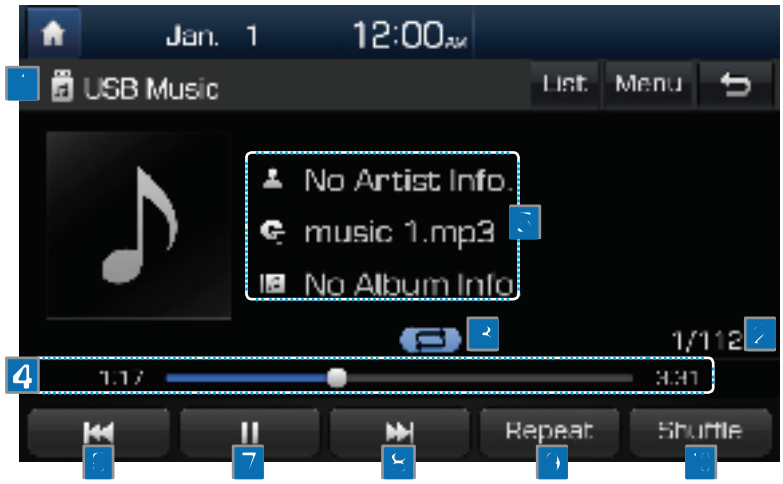
Information

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

Features	Description
1 Preset Frequencies	• Shows the stored presets for user selection. • After selecting frequency, press and hold the preset button for more than 0.8 seconds. A beep sound will be heard and the frequency is to be stored in the selected preset button.
2 Channel Logo	Displays the current channel logo.
3 Channel Info	Displays the current channel number and name.
4 Content Info	Displays the artist, title and other information about the current playing song.
5 Category Info	Displays the category of the currently playing song.
6 Band	Changes to the desired band from among FM, AM, and SiriusXM.
7 Direct Tune	Used to search for the desired channel by entering the channel number.
8 Scan	Plays all receivable channels for 10 seconds per item.
9 Skip Backward	Repeats the previously broadcasted program. • Holding for less than 0.8 seconds: Moves to the previous segment. • Holding for more than 0.8 seconds: Moves to the previous 5 seconds.
10 Play/Pause	Pauses/plays the current broadcasting program.
11 Skip Forward	Moves to the next segment.
12 Play Live	Switches to the live broadcast mode.

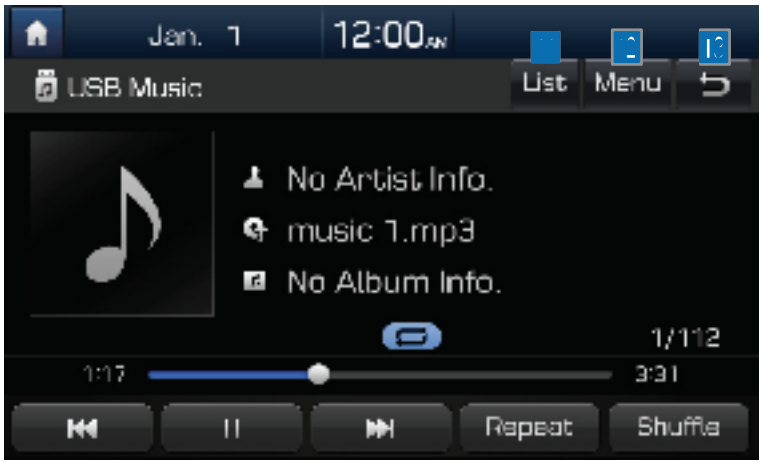
Features	Description
3 Presets	Shows the stored presets for user selection.
4 List	Moves to the channel list.
5 Menu	• What is on My Presets? The program schedule saved in my preset. (For more details, see Section 2.8 Viewing Menu.) • Featured Favorites Theme channels recommended by SiriusXM™. (For more details, see Section 2.8 Viewing Menu.) • Sound Settings: Moves to the Sound Settings.
6 SEEK/TRACK	• When pressed quickly (less than 0.8 seconds): Plays the previous/next channel. • When pressed and held down (more than 0.8 seconds): Continuously changes the channel until the key is released and plays the current channel.
7 TUNE	Changes the channel.

USB Music



Features	Description
1 Mode	Displays the 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 artist, title, album info
6 Previous File	• If button is pressed (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 more than 3 seconds, play the current file from the beginning • If button is pressed (more than 0.8 seconds) it rewinds the track
7 Play/Pause	Plays/pauses the current file
8 Next File	• If button is pressed (less than 0.8 seconds): Moves to the next file • If button is pressed (over than 0.8 seconds): It fast-forwards the track
9 Repeat	Repeats the current file • If select the song in the file tab on the list screen: Select the Repeat button to switch between repeating one song, repeating folder, and turning repeat off • If select the song in the other tabs (Playlist, Artist, Song, Album) on the list screen: Select the Repeat button to switch between repeating one song and turning repeat off
10 Shuffle	Plays files in random order • If select the song in the file tab on the list screen: Select the Shuffle button to switch between Shuffle Folder, Shuffle All, and turning shuffle off • If select the song in the other tabs (Playlist, Artist, Song, Album) on the list screen: Select the Shuffle button to switch between Shuffle Category and turning shuffle off

USB Music



Features	Description
List	Moves to the list screen
Menu	• Hide Current File: a selected file can be deleted. Deleted file can be found in the 'Hidden_' folder. This function is only supported when USB format is compatible with FAT16 or FAT32. • Sound Settings: Moves to the Sound Settings.
Back Button	Converts to basic mode screen
TUNE	Turn the TUNE knob to search a desired track. If the desired track is displayed, select the TUNE knob to play the track. If you do not anything with the TUNE knob for 5 seconds of searching tracks, the track info for the current track is restored.

Bluetooth Connection

Pairing a New Device

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

Up to 5 Bluetooth devices can be paired.

Only one Bluetooth device can be connected at a time.

Pairing a New Device by Selecting Phone/Call

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

Pairing a New Device Through the Phone Settings

Press the [settings] key. ▶ Select Bluetooth. ▶ Select Bluetooth Connection. ▶ Select Add New. ▶ Pair your car after your mobile phone detects the Bluetooth device. ▶ Enter the passkey or accept the authorization 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 the [phone] key or [phone] key in the steering wheel control. ▶ Select the name of the device to connect. ▶ Connect Bluetooth.

Connecting Devices Through the Phone Settings

Press the key. ▶ Select Bluetooth. ▶ Select Bluetooth Connection. ▶ Select the name of the device to connect. ▶ Connect Bluetooth.

Dial

Dials a call after the Bluetooth devices are connected.

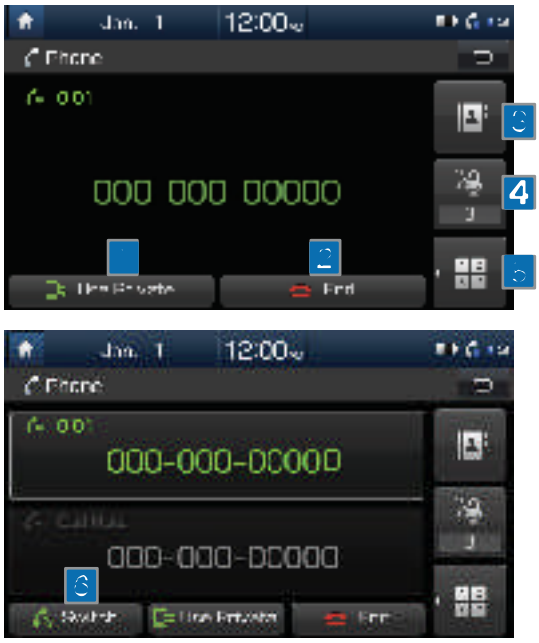
Select All Menus from Home screen display ▶ Phone ▶ Dial.

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

Information

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

Using the Menu During a Phone Call

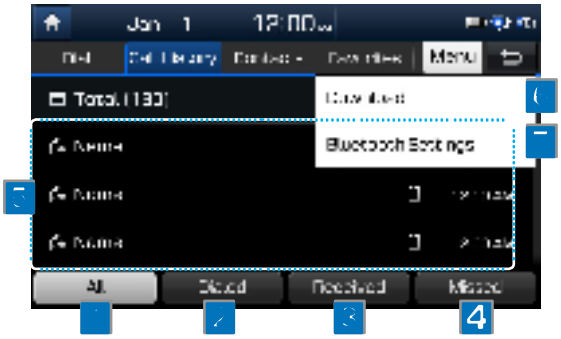


When making a call, you can use the following menu items.

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

Call History

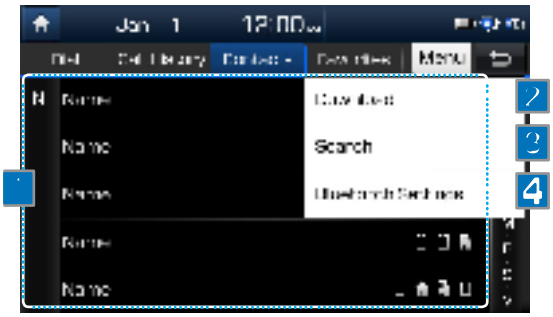
Select All Menus from Home screen display ▶ Phone ▶ Call History .



Name	Description
1 All	Lists the all call history.
2 Dialed	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.
7 Bluetooth Settings	Provides the Bluetooth Connection/Auto Connection Priority/ Bluetooth System Information.

Contacts

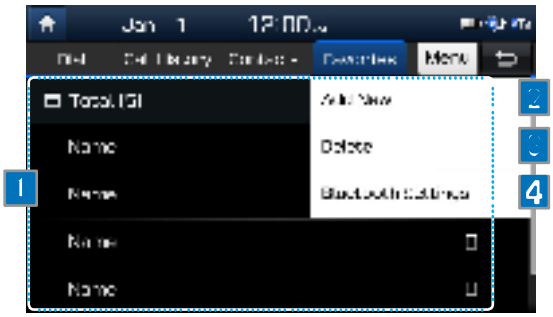
Select All Menus from Home screen display ▶ Phone ▶ Contacts .



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.
4 Bluetooth Settings	Provides the Bluetooth Connection/Auto Connection Priority/ Bluetooth System Information.

Favorites

Select All Menus from Home screen display ▶ Phone ▶ Favorites.



Name	Description
1 Favorites	Lists the phone numbers saved as Favorites. Select from the list to dial the number.
2 Add New	Adds a new number to Favorites.
3 Delete	Deletes numbers that you select from Favorites.
4 Bluetooth Settings	Provides the Bluetooth Connection/ Auto Connection Priority/Bluetooth System Information.

Precautions Required for Successful Voice Recognition

1. Voice recognition supports only the commands that are displayed on the screen and written in the User's Guide.
2. To ensure the correct recognition and execution of your command, say your command when you hear the beep after a voice prompt.
3. Voice recognition automatically ends if:
   1) A call is incoming or outgoing
   2) A media device (USB or iPod, etc.) is connected or disconnected
   3) The front or rear view camera is operated (optional)
   4) The car engine starts or stops
   5) A system key, such as RADIO key or MEDIA key is selected
4. The microphone used for the voice recognition system is located in the headliner directly above the driver's head. To make your commands better understood, keep your body straight in the driver's seat when speaking the command.
5. Speaking naturally and clearly will ensure better recognition of your voice commands.
6. In the following cases voice recognition will be affected by ambient noise.
   1) The sound of the wind if any window or the sun roof is open.
   2) High speed blower from the air vents. Set climate control to blow lower than level 3.
   3) Vibrations from passing through a tunnel.
   4) Vibrations from driving on an uneven road.
   5) Storms and heavy rain.

Starting/Ending and Setting Voice Recognition

Starting Voice Recognition

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

Ending Voice Recognition

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

Combining Voice Recognition with On-Screen Commands

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

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

Skipping Prompt Messages

When you hear the prompt message, press the key on the steering wheel control to skip the message and go directly to listening mode to say your command.

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

Information

- Refer to Part 7 for instructions on how to change the Voice Recognition Settings.

Voice Recognition Screen Overview

Name	Description
1 Representative Commands	Displays the representative commands.
2 Not available command	Displays commands that are not available due to a failure in meeting the conditions for using them and thus need additional settings. The conditions required for using them will be described briefly under each command.
3 Voice recognition status icons	Standby Voice guidance Voice command process
4 Recognized results	Displays the voice recognition result.
5 User's speaking volume being recognized	Displays the voice command volume in real time.
6 Help	Displays all available help commands in a tree format.
7 Exit	Ends the voice recognition.

Voice Commands

Types of Commands

Voice recognition commands are classified as “Global Commands” and “Local Commands”.

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

Call Commands

* Check the following before using call commands:

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

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

Radio Commands

Command		Operation
●	Radio	Plays the most recent radio channels from FM, AM, and SiriusXM™.
●	FM	Plays FM radio.
●	FM <87.5~107.9>	Tunes to FM <Frequency> according to what you say. e.g.) FM 87.5: FM eighty seven point five
●	SiriusXM	Plays SiriusXM™ radio.
●	SiriusXM <0~999>	Tunes to SiriusXM™ Channel <Channel Number> according to what you say. e.g.) SiriusXM 23: SiriusXM Twenty three
●	AM	Plays AM radio.
●	AM <530~1710> (For GUAM Model)	Tunes to AM <Frequency> according to what you say. e.g.) AM 530: AM Five thirty
○	Preset <1~40>	Tunes to your preset stations (1 to 40).
○	Channel <0~999>	In SiriusXM™ Radio mode, turns on the <Channel Number> that you say.

Media Commands

* Check the following before you use media commands.

1. If no media is connected or if no playable files exist at the time when you use these commands, a voice message will tell you that this is not available.
2. If you say the name of the media that is currently playing again, then that media will continue playing.
   e.g.) Saying “USB” while USB content is playing.

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

1. USB Music/iPod Command

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

2. Bluetooth audio/AUX command

For Bluetooth audio and external devices (AUX), local commands are unavailable, including Play, Pause, Repeat and Shuffle.

Other Commands List (Commands used in List/Help)

Command		Operation
●	Help	Moves to the voice recognition help screen. All available commands can then be identified and used.
○	Line 1~4 (One~Four)	When you cannot select a certain name, such as in Call History, you can select it using numbers. Simple numbers can be recognized, such as “One” or “Two”.
○	Yes/No	When voice recognition is activated, this command is used when an answer is requested for a confirmation question.
○	Previous/Next	When four or more searched items are listed, you can move to the previous or next page using a voice command.
○	Manual Input	When Dial entry results are displayed, this command is used to search manually, rather than to search with a voice command. Voice recognition stops after this command is used.
○	Go Back	Moves to the previous screen.
●	Exit	Ends the voice recognition.

Siri Eyes Free

How to start Siri

If you want to use Siri, you have to connect your iOS device to the Multimedia system through Bluetooth.
(Please check whether your iOS device supports Siri and turning Siri On)
Then you can use Siri while pressing and holding key on the steering wheel control.

How to use Siri

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

Information

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

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
▶ Bluetooth ▶ Bluetooth System Info ▶ Passkey menu options.

About Making/Answering Phone Calls

Q How can I answer a call?

A When there is an incoming call, a notification pop-up will become displayed. To answer the incoming call, select the Accept button on the screen or press the key on the steering wheel control.
To reject the call, select the Reject button on the screen or press the 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 (more than 0.8 seconds) the key on the steering wheel control or select the Use Private button at the bottom of the Phone screen to switch the call to your mobile phone.

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

Q What is the range of my wireless connection?

A The wireless connection can be used within 15 yards.

Q How many mobile phones can be paired?

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

Q Why is call quality sometimes poor?

A Check the reception sensitivity of the mobile phone when call quality becomes worsened. The call quality may deteriorate when the signal strength is low. Call quality may also worsen if metal objects, such as 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.

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