Be sure to read this document for your safety

Be sure to read this document for your safety. This user manual describes cases in which the operator or other persons may sustain an injury and methods of handling such situations based on the following symbols: Warning, Precaution and Caution/Info/Reference.

This content is very important and directly related to safety. Please be sure to read and follow the instructions.

✣ The features and services described in this user manual are subject to change without prior notice for the purpose of performance improvements. Actual vehicle features, performance and other characteristics may vary.

For accurate information on your vehicle, please see your specific catalog.

Description of the symbols used in this user manual

⚠ WARNING

Indicates situations that can lead to critical, life-threatening injuries or accidents if warnings are not heeded.

Precautions

Indicates situations that can lead to accidents, injuries, damage to your vehicle or vehicle breakdown if precautions are not taken.

⚠ CAUTION

- ***Refers to situations that can lead to injuries, vehicle damage or breakdowns***
- ***Describes detailed user safety information***

Info

- Describes information that may be useful when using the product

Reference

- Describes detailed information for proper use and understanding of product features
- Explains relevant terms describing the features

Thank you for purchasing this audio system.

This user manual explains how to use the audio system. For safe use of the product, be sure to read this user manual thoroughly before use.

- The screenshots in this manual may be different from the actual product screen.
- The external appearance and specifications of the product may be changed without prior notice for the purpose of improving the product.
- When transferring ownership of the vehicle, include this user manual to ensure safe use by the next owner.
- If the temperature inside the vehicle is high, open a window to ventilate the interior before starting the audio equipment.
- When listening to music through external devices (USB/iPod®, AUX) connected while driving over uneven roads, the connecting cables may loosen and cause loss of connection if the vehicle is subjected to severe impacts.
- When using USB/iPod® connections, file playback can fail depending on the device brand, manufacturing method and file creation method used by the user. Continuing to use the product in these cases can result in equipment failure.
- Some cell phones may not be supported by the Bluetooth feature.

iPod®

iPod® is a registered trademark of Apple Inc.

Bluetooth®

The Bluetooth® wordmark and logo are registered trademarks of Bluetooth SIG, Inc., and all use of the Bluetooth mark by Kia has been licensed appropriately. Use of Bluetooth® requires a cell phone that supports Bluetooth.

To see a list of supported cell phones, visit the website http://red.kia.com and navigate to 'MY Members' > 'My Vehicle.'

Audio system

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Warnings and precautions

Safety warnings

- While driving, look at the vehicle displays for as little time as possible. Looking at the displays for a prolonged time can lead to accidents.
- Do not dismantle or modify the audio system. This can cause accidents, fire or electric shock.
- Using the phone function while driving makes it difficult to focus on the traffic situation and distracts from safe driving, increasing the risk of accidents. Only use the phone function when the car is stationary.
- Keep the equipment protected from penetration of water and foreign material. This can cause smoke, fire or equipment failure.
- If the display is dark or there is no sound, do not use the equipment. Use can lead to accidents (fire, electrocution, etc.) or critical equipment failure.
- Do not touch the antenna wires when there is thunder. Lightning can lead to electric shock.
- When manipulating the controls of the audio system, do not stop the vehicle in no parking or no stopping areas. This can cause accidents.
- Be sure to start this system after starting the vehicle. Use of the system for prolonged periods without starting the vehicle can cause battery drain.

Safety precautions

- Manipulating the equipment while driving distracts from safe driving and causes accidents. Stop the vehicle before manipulating the device.
- When driving, keep the volume to a level at which external sounds can be heard. Failure to do so can lead to accidents.
- Check the current volume setting before turning on the power. Sudden bursts of sound at high volumes can damage your hearing. (Reduce the volume to a reasonable level before turning off the device.)
- If you want to change the location of the audio system, to ensure safety, consult the place of purchase or a designated service center. Installing or dismantling the system requires professional skills.
- Only use the audio system after starting the vehicle. Prolonged use without starting the vehicle can cause battery drain.
- Protect the product from excessive impact. Applying excessive pressure to the front of the display can damage the LCD panel.
- To clean the screen, turn off the system, then wipe with a soft, dry cloth. Do not use a rough or chemically treated cloth or organic solvents (alcohol, benzene, thinner, etc.). These can scratch or damage the surface.
- Do not place beverages near the audio system. Liquid spills can damage the system.
- If you experience problems with the product, contact the place of purchase or a service center.
- When used in environments with electromagnetic waves, you may hear noises in the audio output.

Product characteristics

The audio system is operated through a five-inch LCD touchscreen. Tap the buttons on the screen to select the desired function.

Display

Wide TFT LCD display

- Wide TFT LCD display with an LED backlight for high-resolution images and music
- Maximum convenience through touchscreen control

USB

Auto-play function

- Automatic file playback on insertion of a USB device

Radio

FM and AM radio

- Real-time station list display

Info

- This product is a touchscreen-operated audio device. Tap the buttons on the screen to select the corresponding functions.

AUDIO

■ Type B-1

■ Type B-2

(With *Bluetooth*® Wireless Technology)

G5H4G0000EE/G5H4G0001EE

Features of Your Audio

Head unit

✣ The shape and layout of buttons may vary depending on the device specifications.

(1) **LCD screen**
- Tap the screen to select a button.

(2) **POWER/VOL** knob
- Turn to adjust the volume.
- Press to turn the device on or off.

(3) **RADIO**
- Start FM or AM radio.

(4) **MEDIA**
- Select USB, iPod, Bluetooth Audio, AUX or My Music.

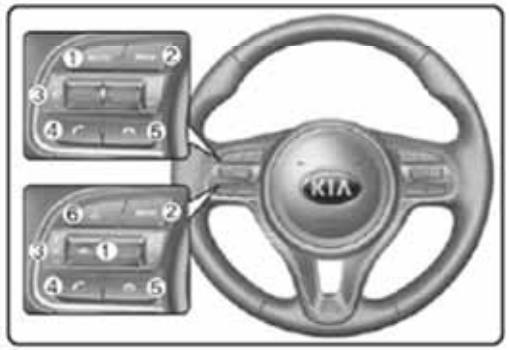
(5) **SEEK TRACK**
- Searches for frequencies in radio mode.
- Changes the current song in media mode.

(6) **PHONE**
- Starts Bluetooth Phone mode.

(7) **SETUP**
- Display, sound, date/time, phone, system, screen saver and display off settings.

(8) **TUNE** knob
- Turn to navigate through the stations/songs list.
- Press to select an item.

Steering wheel remote control



✣ The shape and arrangement of icons may vary depending on the device specifications.

(1) **VOICE**

- Pressing the button
  - If voice recognition is not active: Starts voice recognition.
  - During the notification message after voice recognition is started: The notification message is skipped, and voice command standby mode is activated.
  - While standing by for a voice command: Extends voice command standby time.
- Pressing and holding the button: Voice recognition is deactivated.

(2) **MODE**

- Press the button to change the mode in the following order: Radio → Media.

(3) **MUTE**

- Press to mute audio output.

(4) **VOLUME**

- Press to adjust the volume.

(5) **UP/DOWN**

- Press the button in radio mode to search Presets.
- Press and hold the button in radio mode to search frequencies.
- Press the button in media mode to change the current song.
- Press and hold the button in media mode to quick search through songs.

(6) **PHONE**

- Pressing the button
  - If not in Bluetooth Handsfree mode or receiving a phone call

    First press : Dial number input screen is displayed

    Second press : Automatically shows the most recently Dialed Call phone number

    Third press : Dials the phone number entered
  - Press in the Incoming Call notification screen to accept the phone call.
  - Press in Bluetooth Handsfree mode to switch to the waiting call.
- Pressing and holding the button
  - If not in Bluetooth Handsfree mode or receiving a phone call, the most recently Dialed Call number is dialed.
  - Press in Bluetooth Handsfree mode to transfer the call to your cell phone.
  - Press in cell phone mode to switch to Bluetooth Handsfree mode.

(7) **END**

- Press in Bluetooth Handsfree mode to end the phone call.
- Press in the incoming call screen to reject the call.

Information on status Icons

Icons showing audio status are shown in the upper-right corner of the screen.

Icon		Function
	Mute	Mute engaged
	Battery	Remaining battery life of a connected Bluetooth device
	Handsfree + Audio streaming connection	Bluetooth Handsfree call and audio streaming available
	Handsfree connection	Bluetooth Handsfree call available
	Bluetooth audio streaming	Bluetooth audio streaming available
	Downloading contacts	Downloading contacts through Bluetooth wireless communications
	Downloading call history	Downloading call history through Bluetooth wireless communications
	Line busy	Phone call in progress
	Mute mic	Mic muted during a call (caller cannot hear your voice)
	Phone signal strength	Shows the phone signal strength for a cell phone connected by Bluetooth

G5H4G001EE

RDS Radio (if equipped)

FM/AM

Description of screen buttons

(1) Radio

Switch between FM, AM.

(2) List

View all available stations.

(3) Presets

View all presets.

(4) Menu

Navigate to the menu screen.

Switching between FM, AM

- Press the **[RADIO]** button on the audio system to switch between FM, AM.
- Press the [Radio] button on the screen to switch between FM, AM.

Searching channels

Press the **[SEEK TRACK]** button to search channels.

List

A list of all stations available in the vehicle's current location is displayed. Press the desired station.

Favourite stations can be saved to [Presets] by pressing the [+] button.

Presets

Save up to 40 frequently used stations.

To listen to a preset, press the desired station list.

Press and hold the desired slot from 1 through 40. This saves the current station in the selected slot.

If the slot is empty, simply pressing saves the station to the slot.

Menu

- Traffic Announcement (TA): Enable or disable Traffic Announcements.
- Scan: All available stations are played for five seconds each.
- Sound Settings: Audio sound settings can be changed.

G5H4G002EE

DAB Radio (if euipped)

DAB

Description of screen buttons

(1) Radio

Switch between FM, AM and DAB*.

* if equipped

(2) List

View all available stations.

(3) Presets

View all presets.

(4) Menu

Navigate to the menu screen.

Switching between FM, AM and DAB

- Press the **[RADIO]** button on the audio system to switch between FM, AM and DAB*.
- Press the [Radio] button on the screen to switch between FM, AM and DAB*.

* if equipped

Searching channels

Press the **[SEEK TRACK]** button to search channels.

List

A list of all stations available in the vehicle's current location is displayed. Press the desired station.

Favourite stations can be saved to [Presets] by pressing the [+] button.

Presets

Save up to 40 frequently used stations.

To listen to a preset, press the desired station list.

Press and hold the desired slot from 1 through 40. This saves the current station in the selected slot.

If the slot is empty, simply pressing saves the station to the slot.

Menu

- Traffic Announcement (TA): Enable or disable Traffic Announcements.
- Scan: All available stations are played for five seconds each.
- Sound Settings: Audio sound settings can be changed.

G5H4G034EE

Radio

FM/AM

Description of screen buttons

(1) Band

Switch between FM, AM.

(2) List

View all available stations.

(3) Presets

View all presets.

(4) Menu

Navigate to the menu screen.

Switching between FM, AM

- Press the **[RADIO]** button on the audio system to switch between FM, AM.
- Press the [Radio] button on the screen to switch between FM, AM.

Searching channels

Press the **[SEEK TRACK]** button to search channels.

List

A list of all stations available in the vehicle's current location is displayed. Press the desired station.

Favourite stations can be saved to [Presets] by pressing the [+] button.

Presets

Save up to 40 frequently used stations.

To listen to a preset, press the desired station list.

Press and hold the desired slot from 1 through 40. This saves the current station in the selected slot.

If the slot is empty, simply pressing saves the station to the slot.

Menu

- Traffic Announcement (TA): Enable or disable Traffic Announcements.
- Scan: All available stations are played for five seconds each.
- Sound Settings: Audio sound settings can be changed.

Media

Using MP3

Supported audio formats

Compressed audio formats	MPEG1 Audio Layer3
	MPEG2 Audio Layer3
	MPEG2.5 Audio Layer3
	Windows Media Audio Ver 7.X & 8.X

✣ File formats other than the formats above may not be recognized or playable. Information such as file-name may not be displayed.

Range of supported compressed file types

1. Bitrate range (Kbps)

BIT RATE (kbps)	MPEG1	MPEG2	MPEG2.5	WMA
	Layer3			High Range
	32	8	8	48
	40	16	16	64
	48	24	24	80
	56	32	32	96
	64	40	40	128
	80	48	48	160
	96	56	56	192
	112	64	64	
	128	80	80	
	160	96	96	
	192	112	112	
	224	128	128	
	256	144	144	
	320	160	160	

2. Sampling frequency (Hz)

MPEG1	MPEG2	MPEG2.5	WMA
44100	22050	11025	32000
48000	24000	12000	44100
32000	16000	8000	48000

- The sound quality of MP3/WMA compressed files may vary depending on the bitrate. (A higher bitrate can have better sound quality.)
- The product only recognizes files with the MP3 or WMA extension. Files without one of these extensions are not recognized.

3. Number of recognizable folders and files

- Folders: 2,000 for USB
- Files: 6,000 for USB
- No recognition limit for folder hierarchies

4. Character display range (Unicode)

- Filenames: Up to 64 English characters (64 Korean characters)
- Filenames: Up to 32 English characters (32 Korean characters)

Languages supported (Unicode support)

- Korean: 2,604 characters
- English: 94 characters
- Common Chinese characters: 4,888 characters
- Special symbols: 986 characters

※ Japanese/Simplified Chinese characters are not supported.

Using USB

- Starting the vehicle while a USB device is connected can damage the device. Please disconnect USB devices before starting the vehicle.
- Starting the vehicle or stopping the engine while an external USB device is connected can result in failure of the external USB device to operate.
- Be cautious of static electricity when connecting/disconnecting external USB devices.
- An encrypted MP3 player is not recognized when connected as an external device.
- External USB devices may not be recognized, depending on the state of the external USB device.
- Only products with byte/sectors formatted at 4 KB or lower are recognized.
- Only USB devices in FAT12/16/32 format are recognized; NTFS and ExFAT file systems are not recognized.
- Some USB devices are not recognized due to compatibility issues.
- Do not touch the USB connections.
- Connecting and disconnecting USB devices rapidly over a short period of time can cause equipment failure.
- Abnormal sounds may be audible when the USB device is disconnected.
- Turn the audio off before connecting or disconnecting external USB devices.
- Recognition may take longer depending on the type, capacity or file format of the external USB device. This is not a product malfunction.
- Use of USB devices for purposes other than playing music files is prohibited.
- Image display and video playback are not supported.
- Use of USB accessories, including charge and heat though the USB I/F, can lead to reduced product performance or malfunctions. Do not use USB devices or accessories for these purposes.
- Use of aftermarket USB hubs and extension cables can result in the vehicle's audio system failing to recognize your USB device. Connect the USB device directly to the multimedia port of your vehicle.
- When using high-capacity USB devices with logical drive divisions, only files saved on the highest level logical drive can be played.

  If applications are loaded on a USB drive, file playback may fail.
- Some MP3 players, cell phones, digital cameras, etc. (USB devices that are not recognized as mobile storage) may not operate normally when connected.
- USB charging may not be supported by some mobile devices.
- Operation is guaranteed only for standard (Metal Cover Type) USB Memory drives.

- Operation of HDD, CF, SD and memory stick devices is not guaranteed.
- DRM (Digital Rights Management) files cannot be played.
- SD-type USB memory, CF-type USB memory, and other USB memory devices that require adapters for connection are not supported.
- Proper operation of USB HDDs or USB drives with connectors that loosen due to vehicle vibrations is not guaranteed. (iStick, etc.)
- USB products that are used as key chains or cell phone accessories may damage the USB jack and affect proper file playback. Please refrain from use. Use only products with plug connectors, as shown in the following illustration.

- When MP3 devices or cell phones are connected simultaneously through AUX, BT Audio and USB modes, a popping noise or malfunction may occur.

G5H4G003EE

Description of screen buttons

(1) Repeat

Enable/disable repeat.

(2) Shuffle

Enable/disable shuffle play.

(3) List

See list of all songs.

(4) Menu

Go to menu screen.

(5) Album Image

View song info.

(6) Stop/Play

Pause or play music.

(7) Playback progress

Press to skip to the desired location.

Playback

- Press the **[MEDIA]** button, and select [USB].
- Connect a USB drive to the USB port to automatically play files on the USB drive.

Changing songs

- Press the **[SEEK TRACK]** button to play the previous or next song.
- Press and hold the **[SEEK TRACK]** button to rewind or fast forward the currently playing song.
- Search songs by turning **TUNE** knob, and press the knob to play.

G5H4G004EE

Selecting songs from a list

Press the [List] button to see a list of songs available for play.

Select and play the desired song.

Repeat play

Press the [Repeat] button to enable or disable 'Repeat all,' 'Repeat current song,' or 'Repeat folder.'

✣ The repeat folder function is available only when songs are playing from the [File] category under [List].

- Repeat all: All songs in the playlist are repeated.
- Repeat current song: The currently playing song is repeated.
- Repeat folder: All songs in the current folder are repeated.

G5H4G005EE

Shuffle play

Press the [Shuffle] button to enable/disable 'Shuffle' play.

- Shuffle: Songs are played in random order.

Menu

Press the [Menu] button, and select the desired function.

- Save to My Music: Songs on your USB device can be saved to My Music.

(1) File: Select a file to save.

(2) Mark All: Select all files.

(3) Unmark All: Deselect all files.

(4) Save: Save the selected files.

- Select the files you want to save, and press the [Save] button. This saves the selected files to My Music.
- Saving is canceled if voice recognition is activated or phone calls are received or made while saving.
- Up to 6,000 files can be saved.
- The currently playing file on the USB device cannot be changed while saving.
- My Music cannot be used while saving.
- Up to 700 MB can be saved.

- Info: Detailed information on the currently playing song is displayed.
- Sound settings : Audio sound settings can be changed.
- Scan: All songs are played for 10 seconds each.

IPod

- To use the audio system's iPod control function, use the dedicated cable provided with your iPod.
- Connecting the iPod to the vehicle during play may result in a loud noise that lasts about one to two seconds. Connect the iPod to the vehicle after stopping or pausing play.
- Connect the iPod with the vehicle in the ACC ON state to begin charging.
- When connecting the iPod cable, be sure to fully push the cable into the port.
- When EQ effects are enabled simultaneously on external devices, such as iPods and the audio system, the EQ effects may overlap, causing sound quality deterioration or distortion. Deactivate the EQ function for all external devices, if possible.
- Noise may occur when your iPod or the AUX port is connected. Disconnect and store separately when not in use.
- There may be noise if the audio system is used with an iPod or AUX external device connected to the power jack. In these cases, disconnect the iPod or external device from the power jack.
- Play may be interrupted, or device malfunctions may occur depending on the characteristics of your iPod/iPhone.
- Play may fail if your iPhone is connected through both Bluetooth and USB. In this case, select Dock connector or Bluetooth on your iPhone to change the sound output settings.
- If your software version does not support the communication protocol or your iPod is not recognized due to device failure, anomalies or defects, iPod mode cannot be used.
- iPod nano (5th generation) devices may not be recognized if the battery is low. Charge sufficiently before use.
- The search and song play order in the iPod device may be different from the search order in the audio system.
- If the iPod has failed due to an internal defect, please reset the iPod (consult your iPod manual).
- Depending on the software version, the iPod may fail to sync with the system. If the media is removed or disconnected before recognition, the previous mode may not be restored (iPad cannot be charged).
- Cables other than the 1-meter cable provided with iPod/iPhone products may not be recognized.
- When other music apps are used on your iPod, the system sync function may fail due to malfunction of the iPod application.

G5H4G006EE

Description of screen buttons

(1) Repeat

Enable/disable repeat.

(2) Shuffle

Enable/disable shuffle play.

(3) List

See a list of all songs.

(4) Menu

Navigate to the menu screen.

(5) Album Image

View song info.

(6) Pause

Pause or play music.

(7) Playback progress

Press to skip to the desired location.

Playback

- Connect your iPod to the audio USB port, press the **[MEDIA]** button, and select [iPod].

Changing songs

- Press the **[SEEK TRACK]** button to play the previous or next song.
- Press and hold the **[SEEK TRACK]** button to rewind or fast forward the currently playing song.
- Search songs by turning the **TUNE** knob, and press the knob to play.

Selecting songs from a list

Press the [List] button to see a list of songs available for play.

Select and play the desired song.

G5H4G007EE

Repeat play

Press the [Repeat] button to enable or disable 'Repeat current song.'

- Repeat all: Repeat all songs in the current category.
- Repeat current song: The currently playing song is repeated.

Shuffle play

Press the [Shuffle] button to enable/disable 'Shuffle' play.

- Shuffle: Songs are played in random order.

Menu

Press the [Menu] button, and select the desired function.

- Info: Detailed info on the currently playing song is displayed.
- Sound settings: Audio sound settings can be changed.

When other music programs are running

When songs stored on your iPod are playing through a separate music app, the following screen is displayed.

(1) Play/Stop : Pause or play music.

(2) Play iPod Files: Play music saved on your iPod.

(3) Album Image: View playback info.

✣ Operation cannot be carried out correctly due to iPod application malfunction.

Playing iPod files

- Select [Play iPod Files] to play songs saved on your iPod.

  If there are no songs saved on your iPod, the [Play iPod Files] button is disabled.

Bluetooth (BT) Audio

- Bluetooth Audio mode can only be used if a Bluetooth-enabled phone is connected. Only devices that support Bluetooth audio can be used.
- If the Bluetooth-enabled phone is disconnected during play, the music stops.
- When the TRACK UP/DOWN buttons are used during Bluetooth audio streaming, a popping noise or sound interruptions may occur, depending on the cell phone device.
- Depending on the cell phone model, the audio streaming function may not be supported. Visit the KIA Red member website (http://red.kia.com) for supported devices and functional compatibility.
- If a phone call is made or received when music is playing in Bluetooth Audio mode, the call may mix with the music.
- When returning to Bluetooth Audio mode after ending a call, play might not resume automatically for some cell phone models.

G5H4G008EE

Description of screen buttons

(1) Play/Stop

Pause or play music.

(2) Menu

Navigate to the menu screen.

(3) Album Image

View song info.

⁜ Some cell phone models may not support particular functions.

⁜ Bluetooth audio volume is synced with cell phone media volume.

Playback

- Press the **[MEDIA]** button, and select [BT Audio].

Changing songs

- Press the **[SEEK TRACK]** button to play the previous or next song.

⁜ Some cell phones may not support this function.

Menu

Press the [Menu] button, and select the desired function.

- Connections : The currently connected Bluetooth device can be changed.
- Information : Detailed information on the currently playing song is displayed.
- Sound settings : Audio sound settings can be changed.

G5H4G009EE

AUX

Running AUX

- Press the **[MEDIA]** button, and select [AUX].
- Connect the external device connection jack to the AUX terminal to run AUX.

G5H4G010EE

My Music

Description of screen buttons

(1) Repeat

Enable/disable repeat.

(2) Shuffle

Enable/disable shuffle play.

(3) List

See a list of all songs.

(4) Menu

Navigate to the menu screen.

(5) Album Image

View song info.

(6) Pause

Pause or play music.

(7) Playback progress

Press to skip to the desired location.

Playback

Press the **[MEDIA]** button, and select [My Music].

- My Music cannot be selected if it does not contain music.
- Check the content of your USB drive before saving music to My Music.

Changing songs

Press the **[SEEK TRACK]** button to play the previous or next song.

- Press and hold the **[SEEK TRACK]** button to rewind or fast forward the currently playing song.
- Search songs by turning the **TUNE** knob and press the knob to play.

G5H4G011EE

Selecting songs from a list

Press the [List] button to see a list of songs available for play.

- Select and play the desired song.

Repeat play

Press the [Repeat] button to enable or disable 'Repeat all' or 'Repeat current song.'

- Repeat all: All songs in the playlist are repeated.
- Repeat current song: The currently playing song is repeated.

G5H4G012EE

Shuffle play

Press the [Shuffle] button to enable/disable 'Shuffle' play.

- Shuffle: Songs are played in random order.

Menu

Press the [Menu] button, and select the desired function.

- Delete files: You can delete files from My Music.

(1) File: Select saved file.

(2) Mark All: Select all Files.

(3) Unmark All: Deselect all files.

(4) Delete: Delete the selected file(s).

- Select the file to delete, then press the [Delete] button to delete it.
- Delete is canceled if voice recognition is activated or phone calls are received or made during delete.

- Add to Playlist: Frequently played songs can be paired in a [Playlist].
  - Songs can be played from the [Playlist].
- Info: Detailed info on the currently playing song is displayed.
- Sound settings: Audio sound settings can be changed.
- Scan: All songs are played for 10 seconds each.

Delete from playlist

When a song in the playlist is playing, press the [Menu] button and select [Delete from playlist].

Select the song to delete, then press [Delete].

Phone

Information on Bluetooth phone controls

Bluetooth Handsfree user guide

- Bluetooth is a trademark of Bluetooth SIG, Inc.
- Bluetooth is a near-field wireless networking technology that uses the 2.4 GHz frequency to connect various devices within a certain distance wirelessly.
- The technology is used in PCs, peripherals, Bluetooth phones, tablet PCs, household appliances and automobiles. Devices supporting Bluetooth can exchange data at high speeds without physical cable connections.
- Bluetooth Handsfree devices enable convenient access to phone functions through cell phones equipped with Bluetooth.
- Some Bluetooth devices may not be supported by the Bluetooth Handsfree function.
- When Bluetooth is connected and calls are attempted through a connected cell phone from outside the vehicle, the call is connected through the Bluetooth Handsfree function of the vehicle.
- Please be sure to disconnect the Bluetooth Handsfree function through your Bluetooth device or the audio screen.

Safety precautions

- The Bluetooth Handsfree function helps drivers to drive safely. By connecting a Bluetooth-enabled phone to the vehicle's audio system, phone calls can be made and received through the audio system and contacts can be managed. Consult the user manual before use.
- Excessive manipulation of controls while driving, making it difficult to pay attention to the road ahead, can lead to accidents. Do not operate the device excessively while driving.
- Looking at the screen for a prolonged time increases the risk of accidents. Keep time spent looking at the screen to a minimum.

Precautions when connecting Bluetooth devices

- The vehicle supports the following Bluetooth functions. Some Bluetooth devices may not support some functions.
  1) Bluetooth Handsfree phone calls
  2) Operations during a call (Private, Switch, Out Vol. controls)
  3) Download call history saved to the Bluetooth device
  4) Download contacts saved to the Bluetooth device
  5) Automatic contacts/call history download when Bluetooth is connected
  6) Automatic Bluetooth device connection when the vehicle is started
  7) Bluetooth audio streaming playback
- Before connecting the audio system to your device, make sure your device supports Bluetooth.
- Even if your device supports Bluetooth, a Bluetooth connection cannot be established if the device's Bluetooth function is switched off. Search and connect with the Bluetooth function enabled.
- Pair or connect Bluetooth devices to the audio system with the vehicle at a standstill.
- If a Bluetooth connection is lost due to abnormal conditions while a Bluetooth device is connected (communication range exceeded, device power OFF, communication errors, etc.), the disconnected Bluetooth device is searched for and automatically reconnected.
- If you want to disable the Bluetooth device auto-connect function, turn the Bluetooth function OFF on your device. Consult the user manuals for individual devices to see whether Bluetooth is supported.
- Handsfree call quality and volume may vary depending on the type of Bluetooth device.
- Some Bluetooth devices are subject to intermittent Bluetooth connection failures. In this case, use the following method.
  1) Turn the Bluetooth function off on your Bluetooth device ➞ Turn it on and try again.
  2) Delete the paired device from both the audio system and Bluetooth device, then pair again.

3) Power down your Bluetooth device → Turn it on and try again.
4) Completely remove the battery from your Bluetooth device; reinsert it, reboot, and attempt connection.
5) Restart the vehicle and reattempt connection.

G5H4G013EE

Pairing a Bluetooth device

Information on pairing Bluetooth devices

- Pairing refers to the process of pairing Bluetooth cell phones or devices with the system prior to connection. This is a necessary procedure for Bluetooth connection and usage.
- Up to five devices can be paired.

Pairing the first Bluetooth device

Select the [PHONE] button on the audio system or the [CALL] button on the steering wheel remote control ➞ Search for the vehicle from the Bluetooth device, and pair ➞ Enter the passkey on the Bluetooth device or approve passkey ➞ Bluetooth pairing completed

1. When the [PHONE] button on the audio or the [CALL] button on the steering wheel remote control is pressed, the following screen is displayed. Devices can now be paired.

(1) Device name: Searched name in Bluetooth device.

(2) Passkey: Passkey for device pairing.

✣ The device name in the image above is an example. Refer to your device for the actual name of your device.

2. Search for available Bluetooth devices in the Bluetooth menu of your Bluetooth device (cell phone, etc.).

3. Confirm that the device name in your Bluetooth device matches the device name shown on the audio screen, then select it.

4-1. For devices that require passkey entry, a passkey entry screen is shown on your Bluetooth device.

- Enter the passkey '0000,' shown on the audio screen, in your Bluetooth device.

G5H4G014EE

4-2. For devices that require passkey confirmation, the following screen is shown on the audio system. A 6-digit passkey input screen is shown in the Bluetooth device.

- After confirming that the 6-digit passkey on the audio screen and the Bluetooth device are identical, press [OK] in your Bluetooth device.

✣ The 6-digit passkey in the image above is an example. Refer to your vehicle for the actual passkey

G5H4G015EE

Pairing a second Bluetooth device

Press the **[SETUP]** button on the audio system Select [Phone] ➞ Select [Connections] ➞ Select [Add New]

- The pairing procedure from this point is identical to [Pairing the first Bluetooth device].

Info

- Bluetooth standby mode lasts for three minutes. If a device is not paired within three minutes, pairing is canceled. Start over from the beginning.
- For most Bluetooth devices, a connection is established automatically after pairing. Some devices, however, require separate confirmation when connecting after pairing. Be sure to check your Bluetooth device after pairing to confirm that it has connected.

G5H4G016EE

Connecting Bluetooth devices

If there are no connected devices

Select the **[PHONE]** button on the audio system or the **[CALL]** button in the steering wheel remote control → List of paired Bluetooth devices → Select the desired Bluetooth device from the list → Connect Bluetooth

G5H4G017EE

If there are connected devices

Select the **[PHONE]** button on the audio system → Select [Settings] → Select [Connections] → Select Bluetooth device to connect → Select [Connect] → Connect Bluetooth

Info

- Only one Bluetooth device can be connected at a time.
- When a Bluetooth device is connected, other devices cannot be paired.

G5H4G018EE

Accepting/rejecting phone calls

Receiving phone calls with Bluetooth connected.

(1) Caller name: If the caller number is in your contacts, the corresponding name is displayed.

(2) Incoming phone number: Incoming phone number is displayed.

(3) Accept: Accept call.

(4) Reject: Reject call.

G5H4G019EE

Info

- When the incoming call screen is displayed, audio mode and the settings screen cannot be shown. Only call volume control is supported.
- Some Bluetooth devices may not support the call reject function.
- Some Bluetooth devices may not support the phone number display function.

Operation during calls

Incoming call with Bluetooth connected → Select [Accept]

(1) Call duration: Call duration display.

(2) Caller name: If the caller number is in your contacts, the corresponding name is displayed.

(3) Incoming phone number: Incoming phone number is displayed.

(4) Keypad: Number keypad for Automatic Response Service input is displayed.

(5) Private: Call is transferred to a cell phone.

(6) Microphone Volume: Adjust outgoing voice volume.

(7) End: End call.

Info

- Some Bluetooth devices may not support the Private function.
- The outgoing voice volume may vary depending on the type of Bluetooth device. If the outgoing voice volume is too high or low, adjust the Microphone Volume.

G5H4G020EE

Favourites

Select the **[PHONE]** button on the audio system → Select [Favourites] → Favourites list displayed

(1) Favourites list: A list of paired favourites is displayed.

Connect a call when selected.

(2) Detailed info: Detailed info saved to favourites is displayed.

(3) Add to Favourites: Add a downloaded phone number to favourites.

(4) Delete: Delete a stored favourites.

Info

- Up to 20 favourites can be paired for each paired Bluetooth device.
- Favourites can be accessed when the Bluetooth device they were paired from is connected.
- The audio system does not download favourites from Bluetooth devices. Favourites must be newly stored before use.
- To add to favourites, contacts must be downloaded first.
- Saved favourites are not updated even if the contacts of the connected Bluetooth device are changed. In this case, favourites need to be deleted and added again.

G5H4G021EE

Call history

Select the **[PHONE]** button on the audio system → Select [Call history] → Call history is displayed

(1) Call history: Displays the downloaded call history list.

Connect a call when selected.

(2) Detailed info: Detailed call history info is displayed.

(3) Sort by: Sort by all calls, dialed calls, received calls or missed calls.

(4) Download: Download call history from connected Bluetooth devices.

G5H4G022EE

Info

- Up to 50 dialed, received and missed calls are saved.
- When the latest call history is received, the existing call history is deleted.

Contacts

Select the **[PHONE]** button on the audio system → Select [Contacts] → Select letter (ABC) → Contacts displayed

(1) Contacts: Displays downloaded contacts.

Connect a call when selected.

(2) Detailed info: Detailed contact info is displayed.

Phone numbers can be stored in favourites or removed from from the detailed info screen.

(3) Download: Download contacts from connected Bluetooth devices.

Info

- Up to 2,000 contacts can be stored.
- In some cases, additional confirmation from your Bluetooth device is necessary when downloading contacts. If downloading of contacts unsuccessful, consult your Bluetooth device's settings or the audio screen to approve the download.
- Contacts without phone numbers are not displayed.

G5H4G023EE

Dial

Select the **[PHONE]** button on the audio ➞ Select [Dial]

(1) Phone number entry window: The phone number entered using the keypad is displayed.

(2) Clear
- Press to delete individual digits.
- Press and hold to delete the entire phone number.

(3) Keypad: Enter phone number.

(4) Bluetooth phone name
- The name of the connected Bluetooth device is displayed.
- Contacts matching the keypad number/letter input are displayed.

(5) Call
- Enter and select a phone number to call.
- Select without entering a phone number to see the most recent dialed call.

Settings

Select the **[PHONE]** button on the audio ➞ Select [Settings]

- For phone settings, refer to Setup page.

Voice Recognition (if equipped)

Using voice recognition

Information on voice recognition

- Voice recognition is a safety technology that recognizes user voice commands and executes multimedia functions during driving.
- Unfortunately, due to technical limitations, the system is unable to recognize all voice commands. To address these limitations, the voice commands that the system recognizes are displayed on the screen. Use the displayed commands.
- Because human speech varies, voice recognition is sometimes unable to properly recognize user voice commands. In these cases, repeat the voice command displayed on the screen, or use the button on the screen to execute the desired function.

Precautions to ensure smooth voice recognition

If the language setting is Slovakian, Hungarian or Korean, voice recognition is not supported.

- Voice recognition only supports voice commands indicated on-screen or in the user manual.
- For proper voice recognition, speak after the beep, which sounds after voice notification.
- Voice recognition automatically stops in the following events.
  1) Outgoing and incoming phone calls.
  2) Media (USB, etc.) is connected (voice recognition mode is maintained when iPods are connected).
  3) Rear camera is activated (option).
  4) Engine is turned off.
  5) Screen transition buttons, such as **[RADIO]** or **[MEDIA]**, are selected.
  6) When a pop-up message is displayed on the screen due to accidental execution of the voice recognition function.
- The voice recognition microphone is located above the driver's seat. To ensure proper voice recognition, state voice commands while maintaining proper driving posture.
- Better voice recognition is possible if you speak naturally and clearly, as you would in normal conversation.
- In the following situations, outdoor noise may prevent proper voice recognition.
  1) Wind noise from an open window or sunroof may disrupt voice recognition.
  2) Operating the climate blower at a high level may cause wind noise that disrupts voice recognition. The recommended setting is 3 or below.
  3) When passing through tunnels, vehicle echoes may disrupt voice recognition.
  4) When passing over uneven terrain, vehicle noise may disrupt voice recognition.
  5) Noise from rain in heavy storms may disrupt voice recognition.

G5H4G024EE

Starting/ending voice recognition, and settings

Starting voice recognition

Press the **[VOICE]** button on the steering wheel remote control to start voice recognition and see the voice recognition screen.

G5H4G025EE

Ending voice recognition

- In voice recognition mode, say the command 'Exit' to end voice recognition.
- Press the [Exit] button on the bottom left corner of the screen to end voice recognition.
- Press and hold the **[VOICE]** button on the steering wheel remote control to end voice recognition.

G5H4G026EE

Quick-starting voice recognition (manual control)

- Normally, to start voice recognition, you must wait for the voice prompt before saying a command. This involves some waiting time. To run the function immediately to select the commands displayed on the screen.
- This feature is useful if the voice prompt takes too long or the system fails to properly recognize your voice commands.

G5H4G027EE

Skip voice prompt

- While the voice prompt is playing, press the **[VOICE]** button on the steering wheel remote control to skip the voice prompt and place the system in standby for your voice commands.
- This feature is useful if the voice prompt takes too long or you already know the voice command for the desired function.

G5H4G028EE

Extending voice recognition standby time

- After voice recognition is started and the voice prompt and Beep sound ('Ding~') are played, the system enters standby for user voice commands for five seconds. During this five-second standby, press the button again to play the Beep sound ('Ding~'), and extend voice command standby time by five seconds.
- If you do not say a command for five seconds, you are prompted by voice to repeat your command.

G5H4G029EE

Adjusting voice prompt volume

- While voice recognition is running, turn the VOL knob for the audio to adjust voice prompt volume.

Info

- The minimum voice prompt volume is 1.

G5H4G030EE

Guide to the voice recognition screen

Voice recognition start screen

(1) Four most frequently used commands: The four most frequently used commands are displayed.

(2) Commands requiring additional settings: Commands that require additional settings before use are displayed.

(3) Voice status icon display.

[Icon] Voice recognition standby.

[Icon] Voice prompt in progress.

[Icon] Processing voice command.

(4) User voice volume: User voice volume is displayed in real time.

(5) Recognition results: Results for voice command input are displayed.

(6) Help: Available voice commands displayed in stages.

(7) Exit: End voice recognition.

G5H4G031EE

Voice recognition Help screen

(1) List of voice commands
- Available voice commands are displayed.
- Select or state each command to bring up additional detailed commands.

(2) Voice recognition instructions by item: Voice recognition instructions are displayed by item.

(3) Voice recognition usage instructions: General instructions for use of voice recognition are displayed.

G5H4G032EE

Voice recognition usage instructions screen

(1) Usage instructions display: Detailed instructions on voice instruction usage.

(2) Close: Close the voice recognition usage instructions screen and show the previous screen.

Info

- Voice recognition is disabled in the voice recognition usage instructions screen. Only manual controls are supported.
- The voice recognition usage instructions screen provides a large amount of information. For safety, the screen is disabled while driving.

List of voice commands

Voice command types

- Voice commands are categorized into 'Global Commands' and 'Local Commands.'

1) Global Commands (●): Commands that can be used immediately after voice recognition is started.
2) Local Commands (O): Commands that can be used when radio, media or Bluetooth phone functions are running or displayed on the screen after voice recognition is started.

Phone commands

- Voice commands associated with phone functions can be used after a Bluetooth device has been connected.
- To use voice commands using contact names, such as 'Call John Smith,' download contacts beforehand.
- After contacts are downloaded over Bluetooth, some time may be required for conversion of contact info into voice data. During this conversion, phone calls cannot be made by saying contact names. The time required for contact info conversion depends on the number of entries in Contacts.
- When the 'Call <Name>' command is used, the name info saved in the downloaded contacts is used. If a friend with the name 'John Smith' is saved to Contacts under the nickname 'Buddy,' 'Call John Smith' is not recognized as a valid command. Instead, 'Call Buddy' is recognized.

	Command	Features
●	Call	Downloaded contacts are shown on-screen. Dial by stating the name of the desired contact.
●	Call history	Recent call history is shown on the screen. State the number of the item on the screen to dial.
●	Redial	Immediately redial the last outgoing phone number in Call History.
●	Call <Name>	Immediately dial the phone number under <Name> in downloaded contacts. E.g. Call <John Smith>
●	Call <Name> on Mobile	Immediately dial the number saved under 'mobile' for <Name> in downloaded contacts. E.g. Call <John Smith> on mobile
●	Call <Name> at Work	Immediately dial the number saved under 'work' for <Name> in downloaded contacts. E.g. Call <John Smith> at work
●	Call <Name> at Home	Immediately dial the number saved under 'home' for <Name> in downloaded contacts. E.g. Call <John Smith> at home
●	Call <Name> on Other	Immediately dial the number saved under 'other' and not 'cell, home, or work' for <Name> in downloaded contacts. E.g. Call <John Smith> on other
●	Dial Number	Displays a screen enabling you to say a phone number to dial.

Info

- When dialing by name, if there are similar names or multiple subentries (mobile, work, home, other), you may be prompted to select the contact desired from a list.

Radio voice commands

	Command	Features
●	FM	Starts FM radio.
●	AM	Starts AM radio.
●	DAB	Starts DAB radio.
●	Radio	Starts the radio in FM, AM or DAB* mode, depending on what mode was used last.
●	Traffic Announcement On	Turns traffic announcement on.
●	Traffic Announcement Off	Turns traffic announcement off.
O	Station List	Shows a radio station list.
O	Preset <1–40>	Runs the saved preset 1–40.

(* if equipped)

Media commands

If no media type is connected or there are no files available for playback, a voice prompt to that effect is played.

- If the name of the media currently playing is stated, the current status of operation is maintained.

  E.g. Say 'USB' during USB playback.
- External (AUX) devices do not support play, pause, shuffle and repeat voice commands.

	Command	Features
●	USB	• Plays music files on the currently connected USB drive. • Plays iPod music instead of USB if an iPod is connected.
●	My Music	Plays My Music files stored internally on the system.
●	iPod	• Plays music files on the currently connected iPod. • Plays USB drive music instead of iPod if a USB drive is connected. • Operates in the same manner when an iPhone is connected.
●	Bluetooth Audio	Plays songs on the currently connected Bluetooth device.
●	AUX	Plays music on the currently connected external device.
●	Media	Plays the last played music media.

MP3, USB, iPod, My Music commands

Command		Features
O	Play	• Resume playback of a paused file. • If playback is in progress, current status is maintained.
O	Pause	• Pauses the currently playing file. • If already paused, current status is maintained.
O	Shuffle	• Plays all files in random order. • If already in Shuffle Play mode, current status is maintained.
O	Shuffle Off	• If currently in Shuffle Play mode, it is canceled and tracks are played in order. • If Shuffle Play mode has already been disabled, current status is maintained.
O	Repeat	• Repeat playback of the current file. • If already in repeat playback mode, current status is maintained.
O	Repeat Off	• If in repeat playback mode, repeat is canceled. • If repeat playback mode has already been disabled, current status is maintained.

Bluetooth Audio commands

Command		Features
O	Play	• Resume playback of a paused file. • If playback is in progress, current status is maintained.
O	Pause	• Pauses the currently playing file. • If already paused, current status is maintained.

Info

- Some Bluetooth devices may not support the play/pause features.

Miscellaneous commands

	Command	Features
●	Help	Shows the voice recognition Help screen, view and execute available commands.
O	Line 1-3	• As with the Call History list, if a particular name cannot be selected, its index number in the list can be used instead. • 'First,' 'Second' and other ordinal numbers are recognized.
O	Yes/No	Used to answer questions asked by the system during voice recognition.
O	Previous/Next	If more than four search results are returned, these voice commands can be used to navigate to the previous or next page.

G5H4G033EE

Setup

Access Display, Sound, Date/Time, Phone, System, Screensaver and Display off settings.

Select the **[SETUP]** button on the audio system.

Display

Select the **[SETUP]** button on the audio system ➞ Select [Display].

- Mode: Audio screen brightness can be adjusted to the time of day.
- Illumination: The brightness of the audio screen can be changed.

Sound

Select the **[SETUP]** button on the audio system ➞ Select [Sound].

- Position: Sound balance and panning can be adjusted.
- Tone: Sound tone color can be adjusted.
- Speed Dependent Volume: Automatically adjusts volume based on vehicle speed.
- Beep: Select whether to play a beep sound when the screen is touched.

Date/Time

Select the **[SETUP]** button on the audio system ➞ Select [Date/Time].

- Set Time: Set the time displayed on the audio screen.
- Time Format: Choose between 12-hour and 24-hour time formats.
- Set Date: Set the date displayed on the audio screen.

Phone

Select the **[SETUP]** button on the audio system → Select [Phone].

- Connections: Control pairing, deletion, connection and disconnection of Bluetooth devices.
- Auto connection priority: Set the connection priority of Bluetooth devices when the vehicle is started.
- Update contacts: Contacts can be downloaded from connected Bluetooth devices.
- Bluetooth voice guidance: Play or mute voice prompts for Bluetooth device pairing, connection and errors.

Info

- When paired devices are deleted, the call history and contacts of the device saved to the audio system are deleted.
- For Bluetooth connections with low connection priority, some time may be required for the connection to be established.
- Contacts can be downloaded only from the currently connected Bluetooth device.
- If no Bluetooth device is connected, the Download Contacts button is disabled.
- If the language setting is English, Bluetooth voice prompts are not supported.
- If the language setting is Slovakian, Hungarian or Korean, Bluetooth voice guidance is not supported.

System

Select the **[SETUP]** button on the audio system → Select [System].

- Memory Information: View My Music memory usage.
- Voice Recognition Guidance: Adjust the length of the voice recognition prompt.
- Language: Change the user language.
- Default: Reset the audio system.

✣ The system resets to the default values, and all stored data and settings are lost.

Screen Saver

Set the information displayed when the audio system is switched off or the screen is turned off.

Select the **[SETUP]** button on the audio system ➞ Select [Screen Saver].

- Analog: An analog clock is displayed.
- Digital: A digital clock is displayed.
- None: No information is displayed.

Display Off

To prevent glare, the screen can be turned off with the audio system in operation.

Select the **[SETUP]** button on the audio system ➞ Select [Display Off].

✣ Use 'Screen Saver' to set the information to be displayed when the screen is turned off.

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)		
Output	-6~4dBm (Power Class2, Conducted)		
Number of Channels	79 channels		
Power Supply	DC 14.4V		

CAUTION

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

FCC Warning

This equipment has been tested and found to comply with the limits for a 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.
- IIncrease the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
This equipment complies with 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.
This equipment should be installed and operated with minimum 20 cm between the radiator and your body.

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.
Cet équipement doit être installé et utilisé avec un minimum de 20 cm entre le radiateur et votre corps.