Table of Contents Table of contents to be applied to the final data

1 System overview

Component names and functions 1-2
Turning the system on or off 1-5
Manipulating the touch screen 1-6
Home screen overview 1-7
Rear view overview 1-8
  Setting the rear view 1-8
Using the climate function 1-8

Page to be applied to the final data

2 Useful functions

Using the phone projection 2-3
  Pairing to an iPhone via Apple CarPlay 2-3
  Pairing to an Android smartphone via Android Auto 2-5

3 Radio

Listening to the radio 3-2
Changing the radio mode 3-2
Using the scan function 3-2
Searching for radio channels 3-3
Saving radio channels 3-3
  Saving a current channel 3-3
  Using the autosave function 3-3
Listening to the saved channels 3-3

4 Media player

Using the media player 5-2
  Operating the media player 5-3
Using the USB mode 5-4
  Listening to music 5-4
  Watching videos 5-6

5 Bluetooth

Connecting a Bluetooth device 7-2
Registering a device 7-2
Connecting a registered device 7-3
Disconnecting a connected device 7-4
Deleting a registered device 7-4
Using Bluetooth audio 7-4
Using a Bluetooth phone 7-5
Making a call 7-6
Answering a call 7-9
Using the functions during a call 7-10
Setting favourites 7-10
Checking text messages 7-11

6 Settings

Setting the sound 9-2
Setting the system sound 9-2
Setting the system screen 9-3
Setting the device connection 9-4
Setting the system environment 9-4
General system settings 9-4
Keyboard settings 9-5
Button settings 9-6

7 Troubleshooting

Solution method 10-2
Related to sound and video 10-2
Related to USB playback 10-3
Related to Bluetooth connection 10-5
Related to Phone Projection 10-6
Related to the system operation 10-7

8 Appendix

System status indicator icons 11-2
FAQ 11-3
Product specifications 11-6

1 System overview

Component names and functions

Turning the system on or off

Operating the touch screen

Home screen overview

Rear view overview

Setting the rear view

Using the climate function

Component names and functions

Let us know the names of the final buttons on the control panel.

Control panel

Is there no reset button?

① Power button

- Each time this is pressed, the product will be on/off and the screen will turn on and off.

② Volume - button

- Each time this is pressed, the volume will decrease.

③ Volume + button

- Each time this is pressed, the volume will increase.

④ PHONE-MAP? button

- You can make a call / answer a call / hang up a call, using the CarPlay function.

⑤ DISP-NAV? button

- Each time this is pressed, in the active mode, only the ⑬ screen will turn off and on.

⑥ HOME-Favourite ☆? button

- Each time this is pressed, the screen will move to the Main (Home) screen.

Is there no reset button? - Numbers will be applied collectively at the time of final modification.

⑧ < SEEK button

- Each time this is pressed shortly while listening to the radio, it will switch to a broadcasting channel with low frequency.
- When this is pressed and held while listening to the radio, broadcasting channels with low frequency will be searched sequentially.
- Each time this is pressed shortly during media playback, it will switch to the previous song/file.
- When this is pressed and held during media playback, it will quickly move (rewind) to the previous song/file.
  (except for the Bluetooth audio mode)

⑨ TRACK > button

- Each time this is pressed shortly while listening to the radio, it will switch to a broadcasting channel with high frequency.
- When this is pressed and held while listening to the radio, broadcasting channels with high frequency will be searched sequentially.
- Each time this is pressed shortly during media playback, it will switch to the next song/file.
- When this is pressed and held during media playback, it will quickly move (fast forward) to the next song/file.
  (except for the Bluetooth audio mode)

⑩ RADIO button

- Use when listening to the radio.

⑪ MEDIA button

- Use to play and watch media (USB/Bluetooth audio).

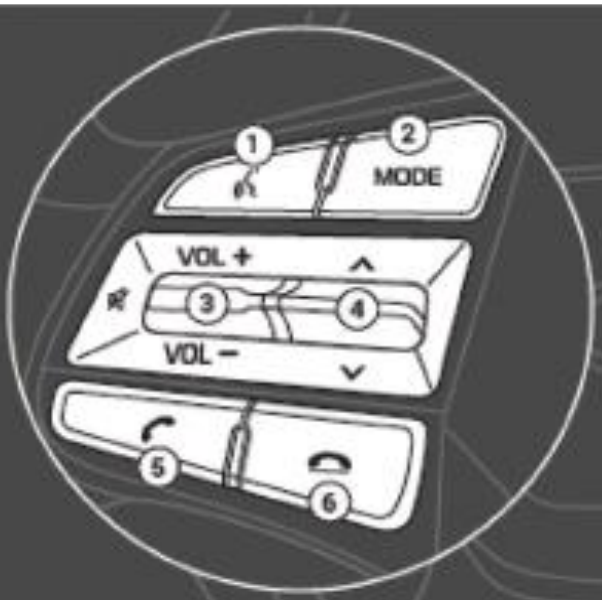
⑫ SETUP button

- Each time it is pressed shortly, it will move to the Setup screen.
- When this is pressed and held, it will move to the Systeminfo screen.

Steering wheel remote control

Component names and functions

Let us know the names of the final buttons of the remote control.



1. Voice Recognition button ()
   - Press this to start voice recognition. Press and hold this to end voice recognition.
   - If the voice recognition function is not supported, start or end the voice recognition of the smartphone connected by phone projection. (Depending on the specifications of the smartphone, the actions of the buttons may be different.)
2. MODE button
   - Press this repeatedly to change broadcast/media mode.
   - Press and hold this to turn on or off broadcast/media functions.
3. Volume lever (VOL +/VOL -) / mute button ()
   - Slide this up or down to adjust the volume.
   - Press this to activate or deactivate the mute function. (except for the navigation volume)
   - Press this while the media is playing, to pause or resume.
4. Moving lever (∧/∨)
   - Changes channels in the preset list while listening to the radio. Press and hold this to search for radio broadcast
   - Changes the channels while watching DMB.
   - Changes songs/files during media playback. Press and hold this to rewind or fast forward (except for AUX, Bluetooth audio mode).
5. Call button ()
   - Press this before connecting to Bluetooth to display Bluetooth connection window.
   - Press this after connecting to Bluetooth to display the list of recent calls; press and hold to redial to the most recent number; press this when the call comes in to answer the call.
   - Press during a call to switch to call waiting; press and hold to switch to a system/mobile phone call.
6. End call button ()

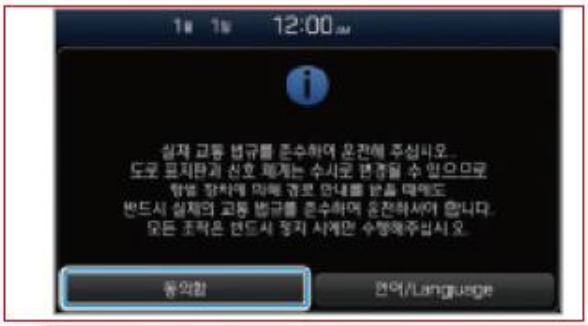
Note: The shape and arrangement may vary depending on vehicle type and specifications.

Turning the system on or off

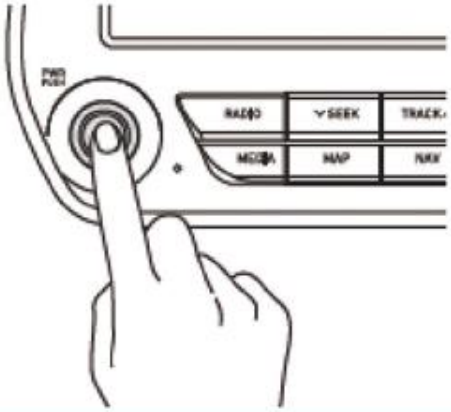
1 Start the engine to turn on the system.

2 When a safety warning appears, read it and tap “I agree.”

Tap the Language to change your language.



- Press and hold the [PWR] button on the control panel to turn off the screen and sound when the system is not in use while the vehicle is running. Press the [PWR] button to use the system again.



The system will turn off automatically when the engine is stopped and a certain period of time passes; the system will immediately turn off when the driver’s side door is open.

- When the engine is stopped, the system may turn off immediately depending on the vehicle model or specifications.
- When the engine is started and stopped again, the system will turn on by the mode and settings used when the engine has started.

Warning

- For safety reasons, the video screen is not visible while driving. Watch the video after the vehicle stops. For a vehicle with manual transmission watch videos after applying the parking brake, and for a self-shifter, after shifting the vehicle to P (parking) or applying the parking brake.
- In addition to watching videos, there are functions that are not performed while driving for safety reasons. These functions work normally only when the vehicle is stopped. Use the functions after the vehicle stops.
- If the system malfunctions, such as no screen or no sound, stop using it. Continued use in malfunctioning states can cause fire, electric shock, or fatal failure.

Caution

- Even when the ignition switch is in the “ACC” or “ON” position, the system can be powered on, but the battery may be discharged if the system is used for a long time without starting the engine. To use the system for a long time, start the engine.
- If the engine is stopped and the system is used, a battery warning message will appear. When starting the engine, the battery warning message will disappear.

Note

Adjust the system volume appropriately before stopping the engine, to prevent sudden loud audio sound when starting the engine. On the home screen, you can also set the volume to be automatically reduced by tapping All Menus ▶ Settings ▶ Sound ▶ System Volume ▶ Reduce the Audio Volume Automatically.

Operating the touch screen

This system is equipped with a touch screen screen. Use various functions via touch screen input.

Caution

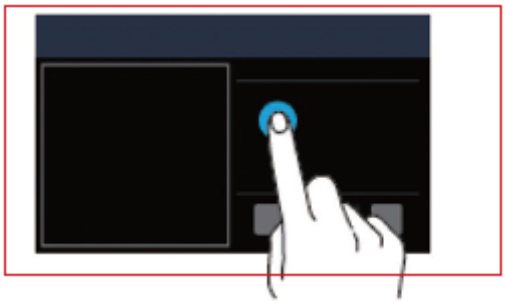
- Do not apply excessive pressure on the touch screen or press it with a pointed object. Doing so may damage or destroy the touch screen.
- Be careful not to let the electrified substance contact with the touch screen. The system may not work correctly or the touch screen may malfunction due to electrical stimulation such as static electricity.

Note

You can’t manipulate the touch screen while wearing gloves. Remove gloves or wear gloves specially designed for use with electronic touch screens, to manipulate the screen.

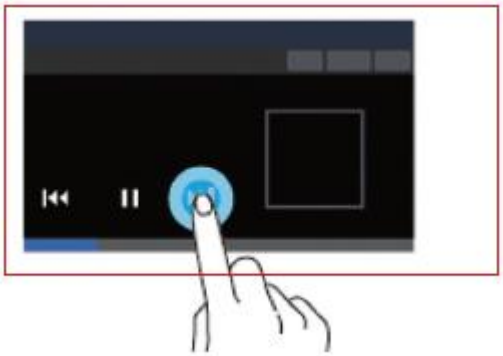
Tap

Touch the desired item lightly on the screen, then lift your finger. The function will be performed or the menu will be selected.



Touch and hold

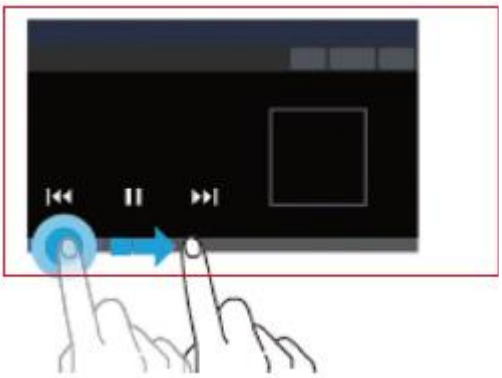
Touch and hold the desired item. It allows you to fast forward or rewind during media playback.



Drag (drag and drop)

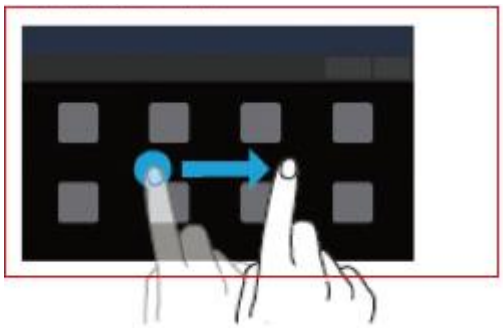
Touch and hold the desired item and drag it to the desired location without lifting your finger.

You can then move the selected item or move the playback position during media playback.



Slide (swipe)

Swipe the screen lightly in the desired direction. Then, you can quickly move up and down or left and right on the menu screen or the option list.



Home screen overview

Learn about the various functions the system provides on the Home screen.

① Current date and time

② Status indicator icons. Because it may appear differently depending on the operating state or mode of the system, in the example screenshots in this user manual, the status indicator icons are not displayed. ▶ Refer to p. 11-2 “System status indicator icons.”

③ View broadcast/media information. Tap this to display the currently running broadcast/media functions in full screen.

④ View the map. Tap this to display the map in full screen.

⑤ Tap this to move to the All menus screen.

⑥ Use the comprehensive search method to search your destination. ▶ Refer to p. 6-2 “Easy to find directions.”

⑤ Tap this to move to the My menu screen. ▶ Refer to p. 2-2 “Registering My menu.”

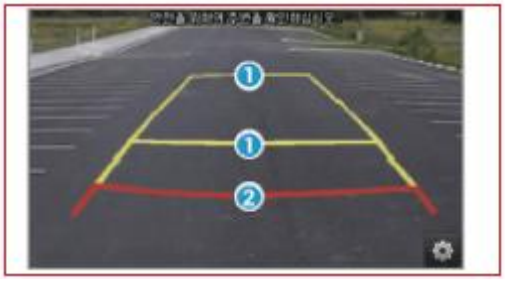
Note

- To move from another screen to the home screen, tap ().
- If an SD card is not inserted, the map information is not displayed.

Rear view overview

If you shift to “R” (Reverse) while the engine is running, the system screen will automatically display the rear view.

Park safely and conveniently using the rear view and parking guide displayed on the screen.



① Neutral direction line (yellow). These lines display the direction of progress when reversing from neutral. These allow you to determine whether the vehicle is standing in the right direction within the parking line or whether the distance between the vehicle and the adjacent vehicle is appropriate.

② Crash warning lines (red). These lines are to help prevent a vehicle crash.

Caution

The distance shown on the screen may differ from the actual distance. For safety reasons, make sure to check visually the rear and left and right.

Note

- The rear view is displayed continuously while reversing. After completing reverse and shifting to anything other than “R’” (Reverse), the rear view will turn off and return to the previous screen.
- A warning will sound, when an obstacle gets close while parking. If you set the audio volume to be automatically reduced when parking, you can prevent accidents that may occur due to not hearing the warning sound. Tap All menus ▶ Settings ▶ Sound ▶ Guide sound ▶ Prioritize safety in parking on the home screen.

Setting the rear view

Tap () to change the setting on the rear view screen.

- Screen settings: Adjusts the brightness and contrast of the camera image.

Using the climate function

You can check the setting status of the climate control system on the system screen.

- Refer to the vehicle’s instruction manual for how to use the heater and air conditioner.

① Outside temperature of the vehicle

② Fan speed

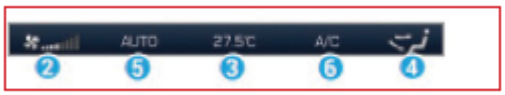
③ Inside temperature of the vehicle

④ Airflow direction

⑤ Displays whether the AUTO mode function is on or off

⑥ Displays whether the air conditioner is on or off

If you manipulate the air conditioning unit while using the system, the climate control status will be displayed at the top of the screen.



Note

- The temperature of the vehicle is displayed in 0.5 °C increments.
- While the AUTO mode is running, the mode is released in the following situations:

  - When adjusting the fen speed or airflow direction

  - When turning the air conditioner on or off

  - When turning on removing moisture from the windshield
- Some functions may not be supported depending on the vehicle model and specifications.

2

Useful Functions

Using the phone projection

Using the phone projection

With the phone projection function, you can run and control applications on your Android smartphone or iPhone using the system's wide screen and convenient user interface.

Caution

- It is recommended to use the genuine USB cable provided by the mobile phone manufacturer. If a non-genuine USB cable is used, the function may not work properly or the system may malfunction.
- Use only applications that support phone projection. If you use an application that does not support phone projection, it may cause problems with the system or smartphone.
- Only applications that support phone projection are displayed on the phone projection screen. For applications that support phone projection, check the following website.
  - Apple Carplay: https://www.apple.com/kr/ios/carplay
  - Android Auto: https://www.android.com/auto

Pairing to an iPhone via Apple CarPlay

To use Apple Carplay, check the following first:

Check whether your iPhone supports Apple Carplay

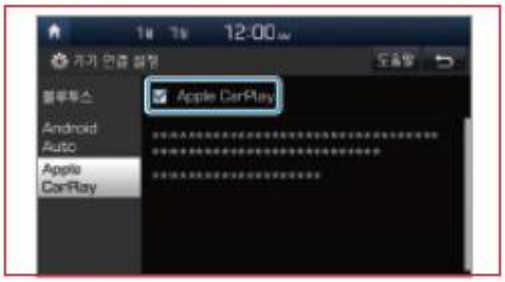
Check the iPhone models that support Apple Carplay on the Apple website (https://www.apple.com/kr/ios/carplay).

Activate or update Apple Carplay and Siri on your iPhone

Make sure the Apple Carplay and Siri functions are turned on in your iPhone's settings. If you don't have them, please update to the latest iOS version.

Follow these steps to start Apple Carplay.

1 Tap All menus ▶ Settings ▶ Device connections ▶ Apple Carplay ▶ Apple Carplay to activate the function from the home screen.



2 Connect the iPhone to the vehicle's USB port using the USB cable provided when purchasing the iPhone.

- When you connect it for the first time, a notification window will appear on the system screen, then check the contents and tap OK.

Caution

Do not repeat the action of connecting and disconnecting the USB connector for a short period of time. Doing so may cause errors in the device operation, the system may malfunction.

3 If your iPhone is locked, unlock it and agree to the use of phone projection.

- When the iPhone is recognized normally, the Apple Carplay menu will appear on the home screen.

4 Tap Apple Carplay on the home screen.

5 Use iPhone functions such as a call, message, and navigation in the system.

- Tap the icon on the screen to run the application or function.
- Tap the HYUNDAI icon (), to move to the home screen.
- Press the () button on the steering wheel to activate Siri voice recognition.
- When a call comes in, press the () button on the steering wheel to answer the call.

Note

When playing music with the music player application on a smartphone, music does not play directly through the system even if the phone projection is connected. To play music via the system, run an application on the phone projection screen to play music, or press and hold the [MEDIA] button and select the phone projection function in the media selection window.

6 Disconnect the USB cable from the system to end Apple Carplay.

Note

- Phone projection settings cannot be changed while phone projection is running. Disconnect the USB cable to change the settings.
- Applications and functions that can be used with Apple Carplay are subject to change according to Apple’s policy. Visit the Apple website (https://www.apple.com/kr/ios/carplay) to check supported functions.
- Update the OS of the smartphone to be connected to the latest version to use in an optimized environment.
- Depending on the connected device type, firmware, and OS version, there may be a difference in recognition time.
- When using phone projection, communication fees may apply.
- Depending on the network signal condition, some functions may not work smoothly.
- Refrain from operating the smartphone while phone projection is running.
- While using Apple CarPlay, the following functions cannot be used.
  - Bluetooth
  - Blue Link phone
  - Voice recognition function of the infotainment system (iPhone voice recognition is available.)
  - USB, iPod mode
  - Search function using the [TUNE/FILE] knob
  - Android Auto

Pairing to an Android smartphone via Android Auto

To use Android Auto, check the following first:

Check whether your Android smartphone supports Apple Carplay

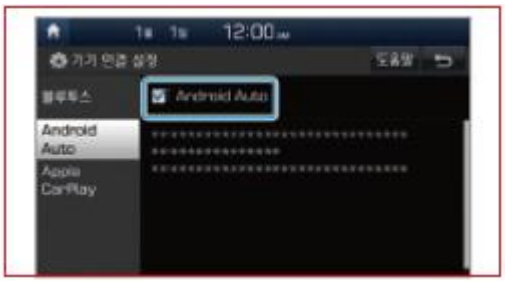
Check the countries, device types, and models that support Android Auto on the Android homepage (https://www.android.com/auto).

Install the Android Auto application on your smartphone

Download and install the Android Auto application from the Google Play store.

Follow the steps below to start Android Auto:

1 Tap All menus ▶ Settings ▶ Device connections ▶ Android Auto ▶ Android Auto to activate the function from the home screen.



2 Connect the smartphone to the vehicle's USB port using the USB cable provided when purchasing the smartphone.

- When you connect it for the first time, a notification window will appear on the system screen, then check the contents and tap OK.

Caution

Do not repeat the action of connecting and disconnecting the USB connector for a short period of time. Doing so may cause errors in the device operation, the system may malfunction.

3 If your smartphone is locked, unlock it and agree to the use of phone projection.

- When the smartphone is recognized normally, the Android Auto menu will appear on the home screen.

4 Tap Android Auto on the home screen.

5 Use smartphone functions such as a call, message, and navigation in the system.

- Tap the icon on the screen to run the application or function.
- Press the () button on the steering wheel to activate Google voice recognition.
- Press the () button on the steering wheel to activate Bluetooth phone.

Note

When playing music with the music player application on a smartphone, music does not play directly through the system even if the phone projection is connected. To play music via the system, run an application on the phone projection screen to play music, or press and hold the [MEDIA] button and select the phone projection function in the media selection window.

6 Disconnect the USB cable from the system to end Android Auto.

Note

- Phone projection settings cannot be changed while phone projection is running. Disconnect the USB cable to change the settings.
- The screen icon is subject to change according to Google's policy.
- Applications and functions that can be used with Android Auto are subject to change according to Google's policy. Visit the Android website (https://www.android.com/auto) to check supported functions.
- Update the OS of the smartphone to be connected to the latest version to use in an optimized environment.
- Depending on the connected device type, firmware, and OS version, there may be a difference in recognition time.
- When using phone projection, communication fees may apply.
- Depending on the network signal condition, some functions may not work smoothly.
- Refrain from operating the smartphone while phone projection is running.
- While using Android Auto, the following functions cannot be used.

  - Bluetooth audio

  - Blue Link phone

  - Voice recognition function of the infotainment system (Smartphone voice recognition is available.)

  - USB, iPod mode

  - Search function using the [TUNE/FILE] knob

  - Apple CarPlay

Back of p. 21- Blank page.

3 Radio

Listening to the radio

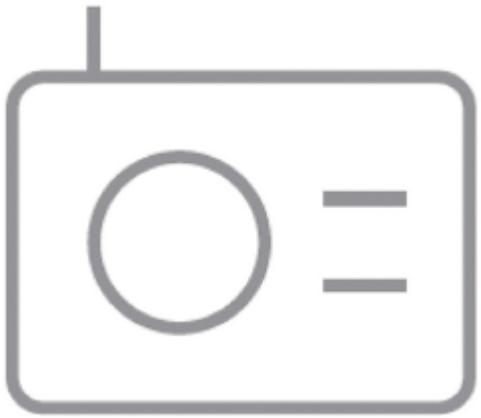
Changing the radio mode

Using the scan function

Searching for radio channels

Saving radio channels

Listening to the saved channels



Listening to the radio

Tap All menus ▶ Radio on the home screen.

① Changes the radio mode.

② Moves to the previous step screen.

③ Radio station information

④ Preset list

⑤ Saves stations with good reception in the preset list.

Note

- Station names and area information are displayed using GPS. When there is no GPS information received, it may not be displayed.
- The displayed station names may differ from the actual stations.

Changing the radio mode

Tap the desired mode at the top of the radio screen to change the radio mode.

- Press the [RADIO] button on the control panel repeatedly to change the mode in the order of FM ▶ AM.

Using the scan function

You can select the desired station while listening to the radio station for a while.

1 Tap the scan on the radio screen.

- It will be searched for a channel with good reception and played it for 5 seconds, then the next channel will be searched and played for 5 seconds, and this process will be repeated.

2 When you find the broadcast you want to listen to, tap the scan.

- You can continue to listen to the current broadcast.

Searching for radio channels

Press the [∨ SEEK] or [TRACK ∧] button on the control panel, to automatically search for the previous or next station with good reception.
In the English version, the symbols will be applied as in the panel

Turn the [TUNE] knob on the control panel to change the frequency, if you know the exact frequency.

Saving radio channels

Save frequently listened radio stations for easy selection and listening.

Saving a current channel

Touch and hold one of the empty numbers in the preset list on the radio screen while listening to a broadcast.

- The current channel will be saved to the selected number.

Note

- Up to 12 channels per radio mode can be saved.

4 Media player

Using the media player

Using the USB mode

Using the media player

You can play music/videos saved in various media devices such as USB storage devices, smartphones, and iPods.

1 Tap the broadcast/media information area on the home screen or press the [MEDIA] button on the control panel.

- If multiple media are connected, press the [MEDIA] button once more, and then select the media in the media selection window.

Note

- The shape and arrangement of buttons or USB/AUX terminals may vary depending on vehicle type and specifications.

Operating the media player

Use the buttons on the playback screen to listen to the music/video you want.

Pause/Resume

Tap ( ). Tap ( ) to start over.

Rewind/Fast forward

Touch and hold ( ) or ( ), or press and hold the [∨ SEEK] or [TRACK ∧] button on the control panel.

- You can also push and hold the [∨/∧] lever on the steering wheel.

In the English version, the symbols will be applied as in the panel

Restart current music/video

3 seconds after playback starts, tap ( ) or press the [∨ SEEK] button on the control panel.

- You can also push the [∨/∧] lever down on the steering wheel.

Play previous or next music/video

To play the previous music/video, within 3 seconds of starting playback, tap (⏮), or press the [∨ SEEK] button on the control panel. To play the next music/video, tap (⏭), or press the [TRACK ∧] button on the control panel.

- You can also use the [∨/∧] lever on the steering wheel.

In the English version, the symbols will be applied as in the panel

Note

- After 3 seconds have passed since playback starts, you can play the previous music/video by tapping (⏮) twice or pressing the [∨ SEEK] button twice.
- You can play by turning the [FILE] knob on the control panel to find the desired music/movie and then by pressing the knob within 5 seconds.
- If there is no operation for 5 seconds, the search will stop, and information on the currently playing song will be displayed.

Repeat play

Press (🔁) to change the repeat play mode.

- Each time the button is pressed, it will change to the corresponding mode icon.

Note

The repeat play mode performed depends on the currently playing list.

Play in random order

Press (🔀) to activate the random play mode to play music in random order.

Note

- When playing a video, the random play function is not supported.
- For specific details of each media, refer to the media description. The Bluetooth audio mode is described in the chapter “Bluetooth”.

Using the USB mode

In USB mode, you can play media files stored on a portable device such as a USB storage device or MP3 player. Check the specifications of USB storage devices and files that can be used. ▶ Refer to p. 11-6 “USB mode.”

Listening to music

1 Connect the USB device to the vehicle’s USB port.

2 Tap the broadcast/media level area on the home screen, or press the [MEDIA] button on the control panel.

- The media player will be displayed in full screen.
- If multiple media are connected, press the [MEDIA] button once more, and then select the USB music in the media selection window.

① Moves to the file list screen.

② Displays the option list.

- Current artist’s song: Moves to the artist list with the song playing.
- Current album song: Moves to the album list with the song playing.
- Sound settings: Sets the system sound. ▶ Refer to p. 9-2 “Setting the system sound.”

③ Moves to the previous step screen.

④ Tap the song information, artist or album information being played to move to the artist list or album list with the song.

⑤ Current file number and number of files to be played

⑥ Repeat play mode

⑦ Random play mode

⑧ Deletes the file being played.

⑨ Played time and current playing position

Caution

The file deletion function can only be used on a FAT16/32 format USB storage device, and the deleted files can be checked in the “to_delete” folder.

Note

- Be sure to connect the USB device while running the engine. If you start the engine after connecting the USB device, it may be damaged.
- When connecting or disconnecting a USB device, be careful of static electricity. The system may malfunction due to static electricity.
- Be careful not to touch the USB port with any body or foreign objects. Doing so may cause an accident or system malfunction.
- Do not repeat the action of connecting and disconnecting the USB connector for a short period of time. Doing so may cause errors in the device operation, the system may malfunction.
- Do not use a USB device for any purpose other than playing media files. Using a USB accessory for charging or heating purposes may cause system degradation and malfunction.

Note

- Depending on the amplifier specifications, a sound effect setting button may be displayed on the screen.
- When connecting a USB storage device, do not use a separate extension cable, but connect directly to the USB port. If connected with a USB hub or extension cable, the device may not be recognized.
- Push the USB connector all the way into the USB port. If the connector is not fully inserted, communication problems may occur.
- When disconnecting a USB device from the system, noise may occur.
- Only files encoded in the standard format can be played.
- The following USB devices may not be recognized or may not operate normally.
  -Encrypted MP3 player
  -USB devices not recognized as removable disks
- Depending on the state of the USB device, it may not be recognized.
- Some USB devices may not be supported due to compatibility issues.
- Depending on the type and capacity of the USB device, and the format of the saved file, the USB device recognition time may be longer.
- Depending on the USB specifications, some devices may not support charging via USB connection.

Searching for music files in the list

Search for and play the music you want, on the list screen.

1 Tap the list on the USB music playback screen.

2 Tap the screen to open folders, move categories, and play music files.

① You can set to play files contained in all subfolders in the current playlist.

Play all songs in a folder

② Displays the option list.

- Move to the current song: Returns to the location of the currently playing file, while navigating through the list and searching for files.

③ Moves to the previous step screen.

④ Moves to the parent folder/category.

⑤ Plays all files in the selected folder or category.

⑥ You can search for songs by category. In the artist or album category, you can select multiple artists or albums and play them.

⑦ Scrollbar

Watching videos

Connect the USB device to the vehicle’s USB port, then press the [MEDIA] button on the control panel.

- If multiple media are connected, press the [MEDIA] button once more, and then select the USB video in the media window.

① Moves to the file list screen.

② Displays the option list.

Audio change: For a video with multiple audio tracks, changes the audio track.

Sound settings: Sets the system sound. ▶ Refer to p. 9-2 “Setting the system sound.”

Screen settings: Sets the system screen. ▶ Refer to p. 9-3 “Setting the system screen.”

③ Moves to the previous step screen.

④ Folder name and file name

⑤ Current file number and number of files to be played

⑥ Repeat play mode

⑦ Displays file details.

⑧ Played time and current playing position

Searching for video files in the list

Search for and play the video you want, on the list screen.

1 Tap the list on the USB video playback screen.

2 Tap the screen to open folders, move categories, and play video files.

① You can set to play files contained in all subfolders in the current playlist.

Play all songs in a folder

② Displays the option list.

Move to the current file: Returns to the location of the currently playing file, while navigating through the list and searching for files.

③ Moves to the previous step screen.

④ Moves to the parent folder.

⑤ Plays all files in the selected folder or category.

⑥ Scrollbar

5 Bluetooth

Connecting a Bluetooth device

Using Bluetooth audio

Using a Bluetooth phone

Connecting a Bluetooth device

Bluetooth is a short-range wireless networking technology. If you use the Bluetooth communication function, you can exchange data by connecting Bluetooth devices that are close to each other without a cable connection, so you can use various devices more efficiently.

To use the Bluetooth function, another device, such as a mobile phone or MP3 player that supports the Bluetooth function, must be connected to the system. Check if the device to be connected supports Bluetooth.

Warning

Connect the Bluetooth device after stopping the vehicle in a safe place. If an accident occurs due to not looking ahead or carelessness, the driver or passenger may be killed or injured.

Note

- The Bluetooth connection function only supports hands-free and audio-related functions. Connect and use a device that supports Bluetooth hands-free or audio function, such as a mobile phone or MP3 player.
- For information on devices compatible with the system, visit Hyundai Motor Company’s website (http://www.hyundai.com).

Registering a device

In order to connect a Bluetooth device to the system, the device must first be registered in the system’s Bluetooth device list. Up to 5 devices can be registered.

1 Tap All menus ▶ Settings ▶ Device connections ▶ Bluetooth ▶ Bluetooth connections ▶ Add new on the home screen.

- When registering a Bluetooth device for the first time, press the () button on the steering wheel, or tap All menus ▶ Phone on the home screen.

2 On the Bluetooth device you want to connect to, run Bluetooth, and then in the searched device list, find and select the vehicle’s system.

- Check the Bluetooth name of the system in the Add new notification window.

3 Check that the authentication number is the same on the Bluetooth device screen and the system screen, and then on the device, approve the connection.

4 Select whether to set the Bluetooth device to be connected with priority automatically.

- If automatic priority connection is allowed, the device is automatically connected when the system is turned on.

5 If the Bluetooth device is a mobile phone, to download contacts/messages from your mobile phone to the system, allow access requests on the mobile phone.

- The access authority is only required when using the Bluetooth phone function, so it is not necessary to allow it when connecting an audio device.

Note

- After allowing access from the mobile phone, it may take some time for the Bluetooth connection to complete. When the Bluetooth connection is complete, the Bluetooth connection status indicator icon is displayed at the top of the screen.
- The settings for allowing access to data can be changed using the Bluetooth setting menu of the mobile phone. For more information, refer to the user manual of the mobile phone.
- Repeat steps 1-5, to register additional new devices.
- While connecting and using a Bluetooth device, other devices cannot be registered.
- To disable the Bluetooth auto-connect function, deactivate the device's Bluetooth function.

Connecting a registered device

To use a Bluetooth device, a registered device must be connected to the system. Only one Bluetooth device can be connected.

1 Tap All menus ▶ Settings ▶ Device connections ▶ Bluetooth ▶ Bluetooth connections on the home screen.

Connecting a registered device

To use a Bluetooth device, a registered device must be connected to the system. Only one Bluetooth device can be connected.

1 Tap All menus ▶ Settings ▶ Device connections ▶ Bluetooth ▶ Bluetooth connections on the home screen.

2 Tap the connection, to the right of the name of the device to be connected.

- If another device is being connected to the system, the existing device must first be disconnected. Tap the disconnect to the right of the connected device name.

Connect/disconnect button of the device in use?

① Shows Bluetooth-related help.
② Connects with the device.
③ Disconnects the current connection.

Connect/Disconnect button?

④ Registers a new device.
⑤ Deletes the registered device.
All contacts and call lists downloaded to the system are deleted.

Note

- If the connected device is out of range or the connection is abnormally ended due to a device error, the connection is automatically restored when the device comes back into range or becomes normal.
- If a Bluetooth communication error occurs and the connection becomes unstable, tap All menus ▶ Settings ▶ Device connections ▶ Bluetooth ▶ Bluetooth initialization to initialize the Bluetooth function, then connect again.

Disconnecting a connected device

If you do not want to use the Bluetooth function, or if you want to connect and use another Bluetooth device, disconnect the current Bluetooth connection.

1 Tap All menus ▶ Settings ▶ Device connections ▶ Bluetooth ▶ Bluetooth connections on the home screen.

2 Touch the disconnect to the right of the connected device name.

3 Tap Yes.

Deleting a registered device

If you are no longer using a Bluetooth device or want to connect a new device when 5 devices are already registered, delete the registered devices.

1 Tap All menus ▶ Settings ▶ Device connections ▶ Bluetooth ▶ Bluetooth connections ▶ Delete device on the home screen.

2 Select the device you want to delete, then tap the Delete.

To delete all registered devices, tap Select all ▶ Delete.

3 Tap Yes.

Using Bluetooth audio

You can enjoy music played on the connected Bluetooth audio device through the vehicle's speaker.

Press the [MEDIA] button on the control panel.

- If multiple media are connected, press the [MEDIA] button once more, and then select the Bluetooth audio in the media window.

① Displays the option list.

- Device change: Finds and connects other Bluetooth devices.
- Sound settings: Sets the system sound. ▶ Refer to p. 9-2 "Setting the system sound."

② Moves to the previous step screen.

③ Song information being played

④ The online album art of the song playing on the connected device is displayed. Online album art is searched and provided by Sound Hound service.

⑤ Starts over the current song, from the beginning. Plays the previous file when tapped twice in succession. You can also press the [∨ SEEK] button on the control panel or use the [∨/∧] lever on the steering wheel.

In the English version, the symbols will be applied as in the panel

⑥ Pauses or resumes playback.

⑦ Plays the next file. You can also press the [TRACK ∧] button on the control panel or use the [∨/∧] lever on the steering wheel.

⑧ Finds and connects other Bluetooth devices.

⑨ Played time and current playing position

In the English version, the symbols will be applied as in the panel

Warning

- Depending on the amplifier specifications, a sound effect setting button may be displayed on the screen.
- Online album art provided by Sound Hound service may differ from the album art displayed on the connected device. Searching for album art online takes time, so there may be a difference between the beginning of the song and when the album art is displayed. To use Sound Hound service, sign up for Blue Link service. ▶ Refer to Blue Link user manual
- The operation method may differ depending on the connected Bluetooth device or mobile phone, or the music player application you are using.
- Streaming function may not be supported depending on the music player application you use.
- Some functions may not be supported depending on the connected Bluetooth device or mobile phone.
- When a media device or mobile phone is connected via Bluetooth and USB/AUX cables at the same time, the device or system may not function properly. To use a Bluetooth connection, disconnect all cables connected to the device.

Using a Bluetooth phone

You can use the phone function without operating the mobile phone directly, via Bluetooth connection. Check the call information on the system screen, and use the phone function safely and conveniently by using the microphone and speaker built into the system.

Warning

- Connect the mobile phone after stopping the vehicle in a safe place. If an accident occurs due to not looking ahead or carelessness, the driver or passenger may be killed or injured.
- Do not dial a phone number, or pick up a mobile phone and talk while driving. Distracted attention due to the use of a mobile phone makes it difficult to recognize the flow of nearby vehicles, and the ability to cope with unexpected situations significantly decreases, causing an accident. So, if necessary, use the Bluetooth hands-free function to make calls, and minimize the call time.

Note

Using voice recognition, you can conveniently make calls while driving, without having to manipulate the screen.

▶ Refer to p. 8-2 “Starting the voice recognition.”

Making a call

You can make a call from the connected mobile phone’s recent call list or contact list. You can also make a call by entering the phone number directly on the keypad.

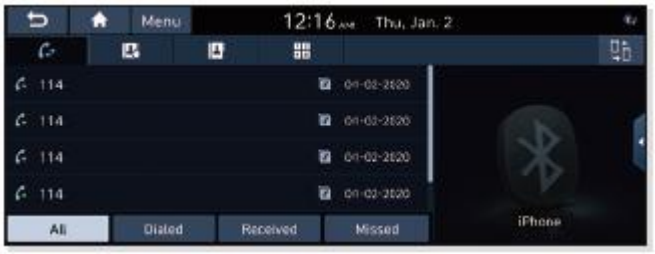
1 Tap All menus ▶ Phone on the home screen.

Or press the ( ) button on the steering wheel.

2 If multiple mobile phones are registered, select a mobile phone to connect to when the device selection window appears.

3 **Select a phone number from the recent calls list.**

- You can also move to the desired number by pushing the () lever on the steering wheel without tapping the screen.
- To make a call by selecting a phone number from the contact list downloaded from a connected mobile phone, tap ().
- To make a call by manually entering a phone number, tap ().



4 To end the call, press the ( ) button on the steering wheel or tap the end on the call screen.

Using the recent calls list

1 Tap ( ) on the Bluetooth phone screen.

2 Select a call log to make a call from the list.

① Finds and connects other Bluetooth devices.

② Displays the option list.

- Download: Downloads a recent call list from the connected phone.
- Privacy mode: Activate the privacy lock mode to protect the personal information.
- When this mode is activated, data downloaded from the phone is not displayed.
- Device change: Finds and connects other Bluetooth devices.

③ Displays all call logs.

④ Displays only outgoing calls.

⑤ Displays only incoming calls.

⑥ Displays only missed calls.

Note

- For some mobile phones, the download function may not be supported.
- For information on functional compatibility, visit the Hyundai Motor Company's website (http://www.hyundai.com).
- Call logs are downloaded up to 50 per list.
- The call time information is not displayed on the system screen.
- If the download is not allowed on the mobile phone, the call list cannot be downloaded; depending on the mobile phone model, the download may require approval from the mobile phone when downloading. If the download does not proceed normally, check the screen status or settings of the mobile phone.
- When the call list is newly downloaded, the existing data is deleted.

Using a contact list

1 Tap () on the Bluetooth phone screen.

2 Select a contact to make a call from the list.

① Finds and connects other Bluetooth devices.

② Displays the option list.

Option list button / Menu

- Download: Downloads a contact list from the connected phone.
- Search: Searches for a contact by entering a name or phone number.
- Privacy mode: Activate the privacy lock mode to protect the personal information.
- When this mode is activated, data downloaded from the phone is not displayed.
- Device change: Finds and connects other Bluetooth devices.

③ Searches for a contact by entering a name or phone number.

④ Quickly finds a contact by selecting the index.

Note

- Only the contacts that can be displayed are downloaded from the connected Bluetooth device.
- Contacts saved in some applications may not be displayed.
- Contacts are downloaded up to 5,000 per device.
- For some mobile phones, the download function may not be supported.
- For information on functional compatibility, visit the Hyundai Motor Company's website (http://www.hyundai.com).
- Contacts saved on the mobile phone and SIM card are downloaded at the same time.
- However, for some mobile phones, contacts saved on the SIM card may not be downloaded.
- If a speed dial number is set in the mobile phone's contacts, touch and hold the speed dial number on the keypad to call the specified number.
- Depending on the mobile phone, the speed dial function may not be supported.
- If the download is not allowed on the mobile phone, the contact list cannot be downloaded; depending on the mobile phone, the download may require approval from the mobile phone when downloading.
- If the download does not proceed normally, check the screen status or settings of the mobile phone.
- Depending on the mobile phone model or operating status, it may take a long time to download contacts.
- When the contact is newly downloaded, the existing data is deleted.
- Downloaded contacts cannot be edited or deleted from the system.
- If another mobile phone is newly connected, contacts downloaded from the old phone are not displayed on the screen, but are kept in the system until the registered device is deleted.

Using the keypad

1 Tap ( ) on the Bluetooth phone screen.
2 After entering the phone number on the keypad, tap ( ) to make a call.

① Finds and connects other Bluetooth devices.
② Displays the option list.

- Privacy mode: Activate the privacy lock mode to protect the personal information.
- When this mode is activated, data downloaded from the phone is not displayed.
- Device change: Finds and connects other Bluetooth devices.

③ Changes the Bluetooth connection settings.

Answering a call

When a call is received, an incoming call notification window will appear on the system screen.

To answer the call, tap the accept.

- Or press the ( ) button on the steering wheel.

To reject the call, tap the reject.

- Or press the ( ) button on the steering wheel.
- To reject by sending a reject message, tap the message. Select the reject message to be sent from the list, then tap the send.

To close the incoming call notification window and hold the answer for a while, tap the hold.

- To move back to the incoming call screen, press the () button on the steering wheel.

Note

- Depending on the mobile phone model, the reject a call or reply to message functions may not be supported.
- You can also set up to automatically reject calls and send messages to the other party.
  ▶ Refer to p. 9-4 “Setting the device connection.”
- When a mobile phone is connected to the system, a dialing tone may be output through the speaker. To end the connection, disconnect the Bluetooth connection from the system or disable the Bluetooth function of the mobile phone.
- The privacy lock mode is activated by tapping the privacy mode in the incoming call notification window. When this mode is activated, contact information is not displayed on the screen. To cancel the privacy lock mode, tap Menu ▶ Privacy mode on the Bluetooth phone screen to cancel the selection.

Using the functions during a call

During a call, the following screen appears.

Tap the desired button to perform the function.

① Turns off the microphone so that the other party cannot hear you.

② Adjusts the microphone volume.

③ Transfers calls to a mobile phone. This may not be supported depending on the connected mobile phone model.

④ Ends the call.

⑤ Displays the keypad screen.

Note

- If the caller’s information is saved in the contact, the caller’s name and phone number are displayed. If the caller’s information is not saved in the contact, only the phone number is displayed.
- During a call with a Bluetooth phone, you cannot move to other screens such as broadcast/media mode or setting screen.
- Depending on the mobile phone model, the volume of the call heard by the other party may vary.
- Depending on the mobile phone model, the phone number may not be displayed.

Transferring a call

When using a mobile phone that supports call waiting, you can answer new calls while on a call. The existing call will then be transferred to the hold state.

To switch between an active call and a waiting call, tap the switch on hold or tap the phone number displayed on the screen.

Note

The function may not be supported depending on the mobile phone model.

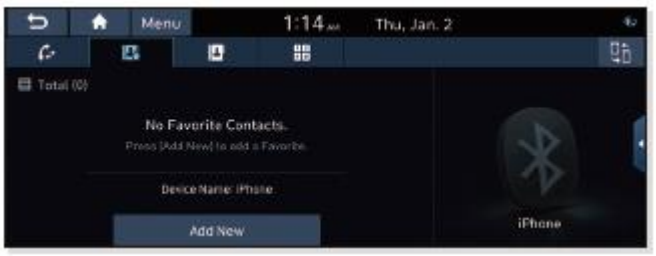
Setting favourites

If frequently used phone numbers are registered in the favourites, you can easily use the phone function.

1 Tap All menus ▶ Phone on the home screen.

- Or press the () button on the steering wheel.

2 Tap () on the Bluetooth phone screen.



3 On the favourites screen, tap the add new, then select a name from the contact list.

- If you have a contact you have already added, tap Menu ▶ Edit on the favourites screen.

4 Tap the grey star button () to the right of the phone number to be registered in the favourites.

- Then, the star on the button will change to orange, and the phone number will be added to the favourites list.

Note

- In the favourites, up to 10 per device can be registered.
- In the favourites list, representative emergency phone numbers are saved so that they can be used immediately in case of an emergency.
- To delete phone numbers registered in favourites, tap Menu ▶ Delete from the favourites list.
- If another mobile phone is newly connected, contacts saved as favourites from the old phone are not displayed on the screen, but are kept in the system until the registered device is deleted.

6 Settings

Setting the sound

Setting the system screen

Setting the device connection

Setting the system environment

Setting the sound

Changes settings related to the sound output from the vehicle's speakers.

Setting the system sound

Tap All menus ▶ Settings ▶ Sound on the home screen.

Note

- Items that can be set may differ depending on the vehicle model and specifications.
- Some functions may not be supported depending on the system and amplifier specifications applied to the vehicle.

Audio

Adjusts the output level of each sound range and sets the location where the sound is concentrated.

Guide sound

- Audio guide: Selects the type of system audio guide.
- Prioritize safety in parking: Turns down the audio volume and sets the warning sound to be heard with priority, when a warning sound occurs while parking.
- Prioritize navigation guidance: Sets the voice directions to be heard with priority when using the navigation and broadcast/media functions at the same time.
- Navigation guidance during a call: Sets the navigation voice directions to be heard even during a call.

System volume

- Volume by function: Adjusts the volume of the system functions individually.
- Connected device volume: Adjusts the volume of the phone projection function individually.
- Volume linked to vehicle speed: Sets to automatically adjust the volume depending to the vehicle's speed.
- Reduce the audio volume automatically: Sets to output the volume by automatically adjusting the volume, when starting the vehicle if the audio volume is set to high.

Initialization

Initializes all of the sound settings.

Note

To turn the screen touch sound on or off, tap the beep sound at the top of the sound setting screen.

Setting the system screen

Changes screen-related settings, such as screen brightness and colour.

Tap All menus ▶ Settings ▶ Screen on the home screen.

Screen brightness

- Day and night setting: Sets it to automatically adjust the screen brightness depending to the ambient brightness, or sets it to always be bright or always dark.
- Screen brightness: Sets the screen brightness to be adjusted depending on the brightness of the dashboard light by selecting the link the brightness of the lights on the dashboard. Adjusts the brightness of the day or night mode, depending on the item selected in the day and night setting options, when the link the brightness of the lights on the dashboard function is deactivated.

Screen adjustment

Adjusts the brightness, contrast, and saturation of the screen when playing a video. Sets only during video playback.

Screen ratio

Change the screen ratio when playing a video. Sets only during video playback.

Standby screen

Sets the screen displayed when the system enters the standby state by long pressing the [PWR] button on the control panel.

Media notification

Sets to display media information at the top of the screen when the play item changes when it is not the media play screen. When the playback item is changed using the control panel or steering wheel, media information is displayed regardless of the setting.

Initialization

Initializes all of the screen settings.

Setting the device connection

Manages Bluetooth devices or configures the usage environment. In addition, by connecting the system and the smartphone, the phone projection function is activated so that the application of the smartphone can be controlled from the system screen.

Tap All menus ▶ Settings ▶ Device connection on the home screen.

Bluetooth

Changes settings related to Bluetooth connection.

- Bluetooth connection: Newly registers a Bluetooth device to the system or connects or disconnects the device. Deletes also the registered device.
- Prioritize automatic connection: Sets the priority order of Bluetooth devices to automatically connect to the system when the engine is started.
- Received message notification: Sets whether to display a notification window when a message is received.
- Auto reply message: Edits the autotext of the reply message. The function may not be supported depending on the mobile phone model.
- Privacy mode: Activate the privacy lock mode to protect the personal information. When this mode is activated, data downloaded from the phone is not displayed.
- System Bluetooth information: Checks and modifies the Bluetooth information in the system.
- Bluetooth initialization: Deletes all registered Bluetooth devices and initializes all Bluetooth settings. All data related to the Bluetooth device is also deleted.

Android Auto

Activates the Android Auto function to pair the system with the Android smartphone.

Apple CarPlay

Activates the Apple CarPlay function to pair the system with the iPhone.

Note

Some Bluetooth setting options are displayed when a mobile phone is connected to the system.

Setting the system environment

Sets the system usage environment such as date, time, and language.

General system settings

Tap All menus ▶ Settings ▶ General on the home screen.

SW information/update

Checks various version information on the system or updates the system to the latest version.
To update the system, a USB memory must be connected to the system after downloading the latest update file using the USB memory.

System information

Checks various information about the system or initializes the system.

- Storage space: Checks the storage space information of the system internal memory.
- Major update history: Checks the major update history when the system has been updated.
- Initialization: Initializes all of the system settings.
- When the initialization is performed, all user data stored in the system, including the place saved in the navigation system, will be deleted.

Date/time

Sets the current date and time in the system, or sets the method of displaying the time.
Sets the way the time is displayed.

- Apply the GPS time: Sets to receive time information from the GPS. When this function is deactivated, the date and time can be entered directly.
- 24 hours: Sets to display the time in a 24-hour format.

Language

Changes the display language used in the system.

Note

- When phone projection is running or an iPod is connected, the system settings could not be initialized. Disconnect the USB cable to initialize the settings.
- Even if the language setting is changed, the language of unique data such as MP3 song names will not be changed.
- Depending on the system language set, the function to read messages and voice recognition may not be supported by the Bluetooth phone.

Button settings

Sets the actions of the buttons in the system as desired.

Tap **All menus** ▶ **Settings** ▶ **Button** on the home screen.

User button ☆
Selects the function to be performed by pressing the user button (☆) on the control panel.
Steering wheel MODE button
Selects the broadcast/media mode to be performed when the [**MODE**] button is pressed on the steering wheel.

Product specifications

Send us the content to be modified

Media player

USB mode

Music files

Item	Specifications	
File format	PEG-1/2 Layer3, OGG (Vorbis), FLAC, WMA (Standard/Professional), WAV	
Bit-rate and sampling frequency	MP3	8–320 kbps (CBR/VBR), up to 48 kHz (ID tag version: Ver. 1.0, Ver.1.1, Ver.2.2, Ver. 2.3, Ver.2.4)
	OGC	Q1 to Q10, up to 48 kHz
	FLAC	8/16/24-bit, up to 48 kHz
	WMA	● Standard (0x161): up to L3 Profile, up to 385 kbps, up to 48 kHz
	WAV	● Professional (0x162): up to M0b, up to 192 kbps, up to 48 kHz
		8/16 to bit, up to 48 kHz
Specification details	Max. number of directory layers: 20 layers Max. folder/file name length: 255 Bytes Valid characters that can be used in a folder/file name: 2,350 Alphanumeric characters/4,888 Chinese characters Max. number of folders: 2,000 (including the root) Max. number of files: 8,000	

Video file

Item	Specifications
File format	AVI, MPEG, 3GP, WMV
Extension	avi, divx, mpg, mpeg, mp4, 3gp, 3gpp, 3gpp2, wmv, asf
Resolution	1280 x 720
Video codec	DivX3/4/5/6, XviD, MPEG-1/4, H264, WMV9
Audio codec	MP3, OGG, WMA
Subtitle	SMI, SRT

Note

- The following files are not played.
  - Modified files (format-changed files)
  - Variant files (e.g. MP3 files encoded by the WMA audio codec)
  - DRM (Digital Rights Management) -protected files
  - Files with no index
- DivX file screen display specifications, playback specifications, and other matters comply with DivX's certification standards.
- Sound quality is not guaranteed in case of music files that use the bit-rate exceeding 192 kbps.
- With the files that do not use the fixed bit rate, some functions may not work properly or the playback time may not appear accurately.
- When a trouble occurs while playing or you want to play an incompatible format file, use the latest encoder software to change the format before using the file.

USB storage devices

Item	Specifications
Byte/Sector	64 KB or less
Format system	FAT16/32 (recommended), exFAT, NTFS

Note

- With the USB storage devices that are not equipped with a plug-type connector (metal cover type), proper operation is not guaranteed.
  - USB storage devices with a plastic plug may not be recognized.
  - USB memory cards (e.g. CF cards, SD cards) may not be recognized.
- Problems that are caused by using USB storage devices (not specified in the following list), are not covered by the warranty.

Product name	manufacturer
XTICK	LG
BMK	BMK Technology
SKY-DRV	Sky Digital
TRANSCEND JetFlash	TranScend
Sandisk Cruzer	SanDisk
Micro ZyRUS	ZyRUS
NEXTIK	DIGI Works

- USB hard drives may not be recognized.
- When using a USB mass storage device divided into logical drives, only the files saved in the first drive can be played.
- When a USB storage device has some Apps, media files may not be played.

Common specifications

Item	Specifications
Power supply	DC 14.4 V
Operating voltage	DC 9-16 V
Dark current	Average current before 96 hours after ACC OFF: 10 mA or less After 96 hours after ACC OFF: 1 mA or less
Operating temperature range	-20 to +70 ℃
Storage temperature range	-40 to +85 ℃
Externals (W x H x L)	178 x 140.2 x 59.2 mm
Electric current consumption	2.5A
Weight	2.25kg

Display

Item	Specifications
Screen size (W x H x L)	AV body - 8 inches (176.4 x 99.36 mm)
Number of pixels	AV body - 384,000 pixels (resolution: 800 x 480)
Operating method	Thin-film transistor (TFT) active matrix method
Viewing angle	AV body - Left/Right, Up/Down: 89°
Internal lighting	LED

Radio

Send us the content to be modified.

Item	Specifications
Available channels	● FM: 87.5 - 108.0 MHz (step:100 kHz) ● AM: 531 - 1602 kHz (step: 9 kHz)
Sensitivity	● FM: 10 dBuV or less ● AM: 35 dBuV EMF or less
Distortion factor	Within 2 %

Note

Supported receiving channels may differ depending on vehicle type and specifications.

Bluetooth

Item	Specifications
Frequency range	2400–2483.5 MHz
Supported Bluetooth version	3.0
Supported profiles	Hands-free (1.6), A2DP (1.2), AVRCP (1.5), PBAP (1.1)
Bluetooth Power Class 2	-6 to 4 dBm
Antenna power output	2.5 mW (max.)
Number of channels	79

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

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.