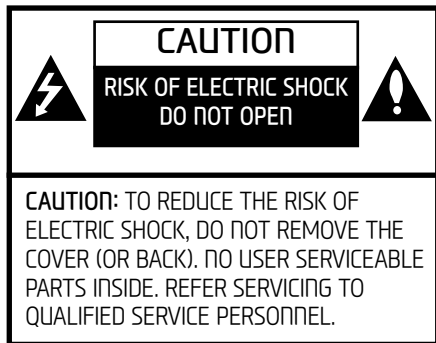# Car AV System

**HYUNDAI**

OWNER'S MANUAL

# Thank you for purchasing this Car AV system.

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

• The screens shown in this manual may differ from the actual screens of the product.

• The design and specification of this product may change without prior notification for product improvement.

• When transferring the vehicle to another individual, include this owner's manual so that the next driver can continue its use.

# Precautions for safety

## Safety notes



### CAUTION

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**

**CAUTION:** TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

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

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

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

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

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

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

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

Do not drop it and avoid heavy impacts at anytime.

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

# Precautions for safety

**WARNING:**

• Don't use a cellular phone when you are driving. You must stop at a safe place to use a cellular phone.

**CAUTION:**

• Do not disassemble or modify this system. If you do, it may result in accidents, fire, or electrical shock.

• Some states/provinces may have laws limiting the use of video screens while driving. Use the system only where it is legal to do so.

# Table of contents

# Table of contents

# General information

## About USB

• Heed caution to static electricity when connecting/disconnecting external USB devices.

• Encoded MP3 Players will not be recognised when connected as an external device.

• When connecting an external USB device, the device may not properly recognise the USB is in some states.

• USB devices formatted as FAT 16/32, exFAT or NTFS are supported.

  – Read: FAT 16/32, exFAT, NTFS

  – Write: FAT 16/32 (It may be limited on using POI export function.)

• Some USB devices may not be supported due to compatibility issues.

• Avoid contact between the USB connector with bodily parts/foreign objects.

• Repeated connecting/disconnecting of USB devices within short periods of time may result in product malfunction.

• The amount of time required to recognise the external USB device may differ depending on the type, size, or file formats stored on the USB. Such differences in required time are not indications of malfunction.

• The device may not recognise the USB device if separately purchased USB hubs and extension cables are being used. Connect the USB directly with the multimedia terminal of the vehicle.

• When application programmes are installed to specific USB, files may not properly play.

• The device may not operate normally if MP3 Players, cellular phones, digital cameras, or other electronic devices (USB devices not recognised as portable disk drives) are connected with the device.

• Charging through the USB may not work for some mobile devices.

• The device may not support normal operation when using a USB memory type besides Metal Cover Type USB Memory.

• The device may not support normal operation when using formats such as HDD Type, CF, or SD Memory.

• The device will not support files locked by DRM (Digital Rights Management).

• USB memory sticks used by connecting an Adaptor (SD Type or CF Type) may not be properly recognised.

# General information

## Music file Information

• Sampling frequency:
  – 32, 44.1, 48 kHz (MP3, WMA, OGG)
  – 1 Hz – 48 kHz (FLAC)

• Bit rate: 32 – 320 kbps (MP3, WMA, OGG)

• Version: Any version

• Playable file format: ".mp3"/ ".wma"/ ".ogg"/ ".flac"/".wav"

## Video file Information

• Playable file format: ".mpg", ".mpeg", ".dat", ".asf", ".wmv", ". mp4", "m4v", "divx, ".avi", .mkv"

• It may not properly work depending on the storage type.

## Using iPod Devices

### Precautions upon using iPod

iPod® is a registered trademark of Apple Inc.

• Some iPods with unsupported communication protocols may not properly operate with the system.

• If the iPod malfunctions due to an iPod device defect, reset the iPod and try again. (To learn more, refer to your iPod manual.)

• During ACC ON state, connecting the iPod through the iPod cable (The cable that is supplied when purchasing iPod/iPhone product.) will charge the iPod through the system. (However, iPad is not charged.)

• The use of genuine iPod cables supplied by Apple is recommended. (The use of other products may result in noise or abnormal operation.)

• Within iPhones, streaming audio and iPod control may occasionally conflict. If problems persist, remove the iPhone and connect again.

• Use iPod with complete synchronisation to iTunes. Unauthorised song addition may cause abnormal operation.

• If iPod and Bluetooth are connected simultaneously with the same iPhone, you cannot use Bluetooth audio function.

• If iPod touch or iPhone is used, iOS5.0 or a later version is recommended.

## Supported iPod devices

iPhone7, iPhone7 Plus

iPhone6, iPhone6 Plus, iPhone6s, iPhone6s Plus

iPhone5C, iPhone5S, iPhone5

iPhone4S, iPhone4

iPhone3GS, iPhone3G, iPhone

iPod Touch (1st through~ 5th generation)

iPod Nano (1st through~ 7th generation)

iPod Classic (1st through~ 6th generation)

iPad WiFi (1st through~ 4th generation)

iPad Air WiFi (1st ~2nd generation)

iPad Mini (1st ~2nd generation)

# Name of each component

## Head unit



1. • ⏻ button
   – Power on
     Press this button in system OFF status.
   – Power off
     Press and hold this button in power ON status.
   • **Volume control knob (◢)**
   Turn counter clockwise or clockwise to control volume.
   • **AV on/off**
   Press this button to turn AV on or off in power on status.

2. **Reset hole**
   Press with thin object to reset the unit when it does not operate normally.

3. **RADIO button**
   Converts to the last played radio mode (FM, AM).

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

5. **Custom button (★)**
   Press to go to the [Custom button settings] menu. After setting, press to using desired function.

# Name of each component

6  7  8  9  10

6. **∨ SEEK / TRACK ∧ button**
   – When it is pressed shortly
   • AM mode: plays previous/next available frequency.
   • FM mode: plays previous/next available station existing within [List] menu. (If there is no or one station in [List] menu, the "Auto tuning" function is executed.)
   • MEDIA mode: plays previous/next file.
   – When it is pressed and held
   • AM mode: plays previous/next available frequency.
   • FM mode: plays previous/next available station existing within [List] menu.

   • MEDIA mode (except for Bluetooth and Android Auto): rewinds or fast forwards the file.

7. **PHONE**
   Press to move to the Phone menu screen.

8. **HOME button**
   Press to move to the [HOME] menu screen.

9. **SETUP button**
   Press to go to the [Settings] menu.

10. **↗•↘ button**
    – AM mode: turn left/right to tune manually.
    – FM mode: turn left/right to search for a desired station and then press it.
    – MEDIA mode (except for Bluetooth and Android Auto): turn left/right to search for the desired file and press it.

# Name of each component

## Steering wheel remote control



1
2
3
4
5
6
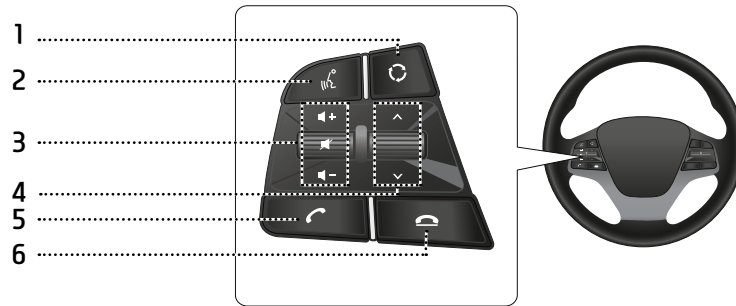
1. ⟳ **button**
   • Each time this button is pressed, the Radio or Media mode is changed. You can select the modes to toggle in settings.
   • If the media is not connected, it is changed in the order FM → AM →FM.

2. 🎙 **button**

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

3. • **Volume (◀+/◀–) button**

   Increases or decreases the volume level.

• 🔇 **button**
Press to mute the sound. (It will be paused in some media modes.)

4. ∨/∧ **button**
   – When it is pressed shortly
     • Radio (FM, AM) mode: plays previous/next favourites.
     • MEDIA mode: plays previous/next file.
   – When it is pressed and held
     • AM mode: plays previous/next available frequency.
     • FM mode: plays previous/next favourites.
     • MEDIA mode (except for Bluetooth and Android Auto): rewinds or fast forwards the file.

5. 📞 **button**

   Press to operate Bluetooth Hands-Free function.
   • Press to accept a call.
   • Press to make a call from last calls.
   • Press and hold for redialling.

6. ☎ **button**
   • Press to end the phone call during a call.
   • Press to reject the call in the incoming call screen.

# Basic operation

## Starting the system for the first time

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

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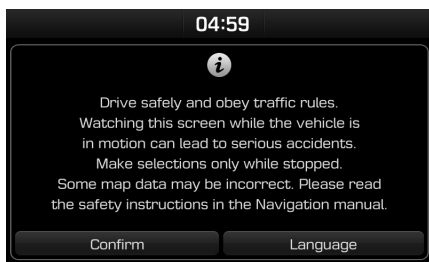
   

2. Press [Confirm].

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

**Notes**
- You cannot operate the system while it is booting up. It may take some time for all of features to be ready.
- The safety warning page is displayed every time the ignition is turned on. The displayed warnings are related to safety, please closely read and comply with the safety warnings.
- If there is no operation for 10 seconds in the safety warning screen the system automatically switches to the last played mode.

## Turning the system on

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

**Note**
Pay attention to the volume setting when turning the system on. A sudden output of extreme volume upon turning the system on could lead to hearing impairment.

## Turning the system off

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

## AV Off

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

## AV On

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

## Adjusting the volume

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

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

**Note**
When you turn the system off, the current volume level is automatically memorised.

# Basic operation

## Resetting the system

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



## [Home] screen

### Configuration for Home screen
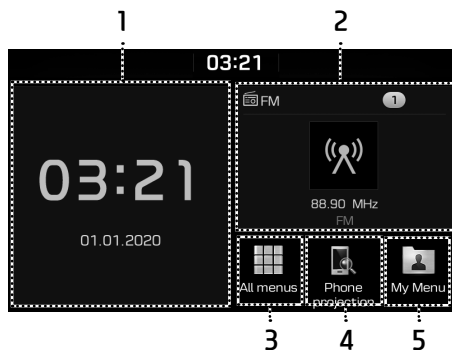


1. **Date/Time**
   - Shows current date and clock.
   - Press the area to move to date and clock settings.

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

3. **All menus**
   Press [All menus] to move to all of the items of the system menu.
   - [Phone]: Operates Bluetooth Hands-Free function.
   - [Android Auto]: Runs [Android Auto] function.
   - [Apple CarPlay]: Runs [Apple CarPlay] function.
   - [Quick guide]: Moves to the quick guide menu. ([Using the touch screen], [Home], [Bluetooth], [Phone projection])
   - [Radio]: Converts to the last played radio mode.

- [Media]: Converts to the last played media mode.
- [USB Video]: Converts to the last played video mode.
- [Settings]: Moves to the [Settings] menu.
- [My Menu]: Moves to the [My Menu] menu.

4. **Phone projection**
   Runs connected a phone that supports Android Auto or Apple CarPlay via USB cable.

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

# Basic operation

## Basic operation for [Home] screen

1. Press [ ⌂ ] on the screen.

**03:21**

FM    1

**03:21**

01.01.2020

88.90 MHz
FM

All menus    Phone projection    My Menu
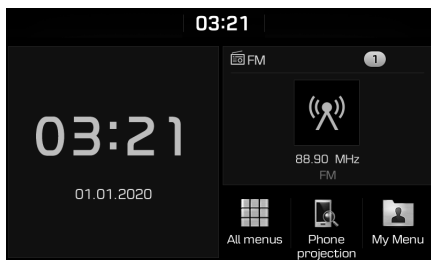
2. Select a desired item and it moves to the corresponding screen.

## Editing the [All menus]

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

**03:22**

All menus    Edit

Phone    Android Auto    Apple CarPlay    Quick guide

Radio    Media    USB Video    Settings

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

**03:22**

Edit all menus

Press and hold an item to drag it to another position.

Phone    Android Auto    Apple CarPlay    Quick guide    ⟩

Radio    Media    USB Video    Settings
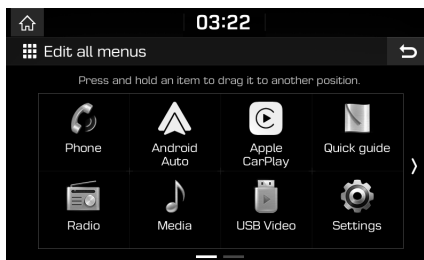
3. Select the desired menu item from the list, then drag and drop it to a desired place.

**03:23**

Edit all menus

Press and hold an item to drag it to another position.

Android Auto    Apple CarPlay    Quick guide    ⟩

Radio    Media    USB Video    Settings

**Note**

Press [ ↰ ] to move to the previous screen.

## Adding your favourite menu items to [My Menu]

1. Press [My Menu] on the [Home] screen.
2. Press [Add to My Menu].

    If your favourite menu items are added aleady, press [Menu] > [Add].

**03:24**

Add to My Menu (3/24)

Radio favourites    ⟩

Menu shortcuts    ⟩

3. Select one of the [Radio favourites] or [Menu shortcuts] on the screen.

**03:24**

Add to My Menu (3/24)

Radio    ⟩

Media    ⟩

Phone    ⟩

Settings    ⟩

Phone projection    ⟩

〈For example: [Menu shortcuts] screen〉

# Basic operation

4. Select one of the categories.

5. Mark the subcategories.



| 03:25 | |
|---|---|
| Add to My Menu (4/24) | |
| ☑ USB Music | |
| ☑ USB Video | |
| ☐ iPod | |
| ☐ AUX | |
| Mark all | Unmark all | Add |
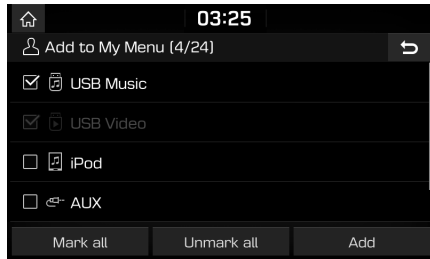
6. Press [Add] > [Yes].
   - [Mark all]: Marks all items.
   - [Unmark all]: Unmarks all items.

## Rearranging the favourite menu items of [My Menu]

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

2. Press [Menu] > [Rearrange].



03:28
Rearrange My Menu
Press and hold an item to drag it to another position.
88.90 MHz    88.70 MHz    USB Video

3. Press and hold an item to drag it to another position.



03:29
Rearrange My Menu
Press and hold an item to drag it to another position.
88.70 MHz    USB Video

4. Press [⤺].

## Deleting the favourite menu items of [My Menu]

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

2. Press [Menu] > [Delete].



| 03:29 | | |
|---|---|---|
| Delete from My Menu (1/3) | | |
| ☐ 88.90 MHz | ☑ 88.70 MHz | ☐ USB Video |
| Mark all | Unmark all | Delete |
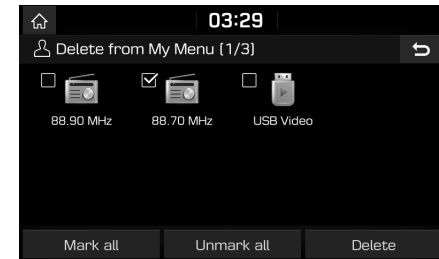
3. Select the desired items, then press [Delete] > [Yes].
   - [Mark all]: Marks all items.
   - [Unmark all]: Unmarks all items.

## Listening to AM radio

1. Press "RADIO" on the head unit.

2. Press [AM] on the screen.

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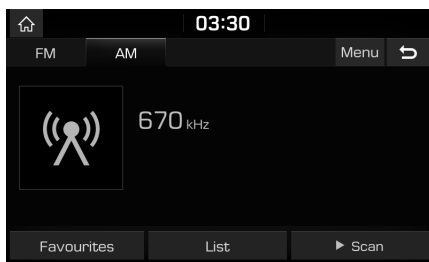


**Note**
Each time the "RADIO" button on the head unit is pressed, the mode is changed in the order AM → FM → AM.

3. **Auto tuning:**
   Press [∨ SEEK / TRACK ∧] on the head unit.

   – Plays previous/next available station.

   **Manual tuning:**
   Turn "⟋•⟍" (counter)clockwise.

   – The frequency moves up and down accordingly.

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

## Opening the station list sorted in numerical order

You can see station list with superior reception.

1. Press [AM] on the screen.

2. Press [List].
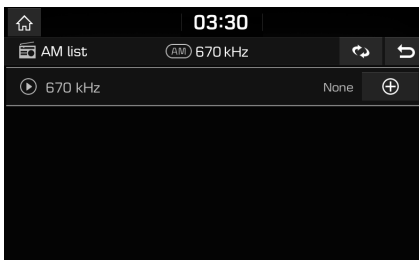


## Auto search

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

1. Select the AM band.

2. Press [List].



3. Press [ ↻ ].

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

# Radio operation

## Saving AM favourites

It manually saves the listening frequency to desired favourites list.

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

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

| | 03:33 | | |
|---|---|---|---|
| Favourites | (AM) 670 kHz | | |
| 7 1640 kHz | | 8 88.70 MHz | |
| 9 95.30 MHz | | 10 88.90 MHz | |
| 11 670 kHz | | 12 Press and hold | ⊕ |
| 13 Press and hold | ⊕ | 14 Press and hold | ⊕ |
| 15 Press and hold | ⊕ | 16 Press and hold | ⊕ |

## Listening to FM

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

   The FM screen of the most recent listened station is displayed.
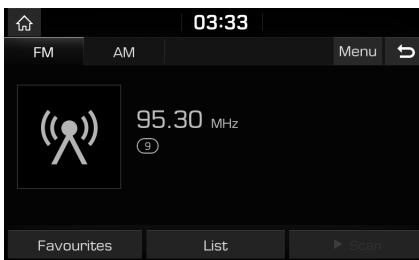
| 03:33 | |
|---|---|
| FM | AM | Menu |

**95.30 MHz**
⑨

| Favourites | List | ▶ Scan |

### Note

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

3. **Auto tuning (When there are no or one station in [List] menu):**

   • Press [∨ SEEK / TRACK ∧] on the head unit.

   – Plays previous/next available station.

   **List tuning (When there are two or more stations in [List] menu):**

   • Press [∨ SEEK / TRACK ∧] on the head unit.

– Plays previous/next available station existing within [List] menu.

**Manual tuning:**

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

Station bar

| 03:33 | |
|---|---|
| Manual tune FM | (FM) 95.30 MHz |
| 92.0 93.0 94.0 95.0 96.0 97.0 98.0 99.0 |

◄◄ **95.30 MHz** ►►
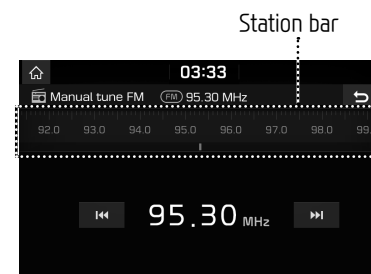
– Drag the station bar to the left/right to find the radio station that you want.

– Press [◄◄/►►].

• Turn "⟍•⟋" to the left/right and then press it when the desired station is displayed in a highlighted colour.

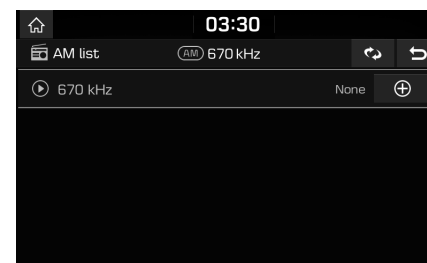**Favourites:**

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

• Press [∨/∧] on the steering wheel remote control.

17

## Opening the station list

You can see station list with superior reception.

1. Press [FM] on the screen.

2. Press [List].
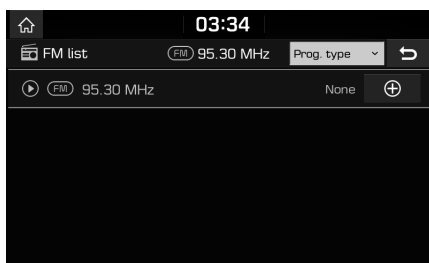


- If you want to save the stations to [Favourites] menu, press [⊕] and then press the desired favourites number.

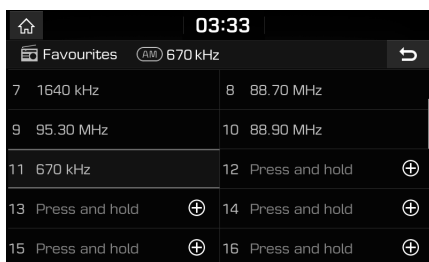- Press [Station] or [Programme type] to arrange the list in station or programme type order.

## Saving FM favourites

It saves the listening station to desired favourites list.

1. Press [FM] on the screen.

2. Select the desired station.

3. Press [Favourites].

4. Press the desired favourites number.

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



## Scan

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

Press [► Scan].

Press [■ Stop] to stop the scan function.

## Sound settings

1. Press [Menu] > [Sound settings].

2. For details refer to page 70 ("Sound").

# USB Operation

## Playing USB music

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

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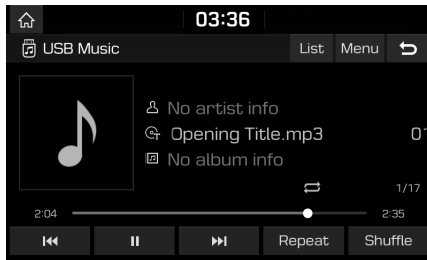


### Note
To play USB music while a different source is playing, press [MEDIA] > [USB music].

### Pause

You can pause the playing file.

Press [❙❙] during playback.

Press [▶] to play it again.

### Skip
You can play the previous or next file.

| Position | Description |
|---|---|
| Screen | • Press [◀◀/▶▶].<br>• Pressing [◀◀] after 3 seconds of playback time plays the current file from the beginning. |
| Head unit | • Press [∨ SEEK / TRACK ∧].<br>• Pressing [∨ SEEK] after 3 seconds of playback time plays the current file from the beginning. |

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

| Position | Description |
|---|---|
| Screen | Press and hold [◀◀/▶▶] and then release at the point you want. |
| Head unit | Press and hold [∨ SEEK / TRACK ∧] and then release at the point you want. |

### Seek

You can play the file directly by searching for the desired file.
1. Turn " ⟋•⟍ " to search for a desired file.
2. If the desired file is displayed, press the " ⟋•⟍ " to play the file.

# USB Operation

## Delete current file

You can delete the currently playing file in USB.

1. Press [Menu] > [Delete current file].
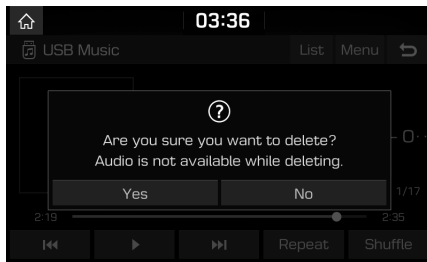


2. Press [Yes].

## List

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

1. Press [List].
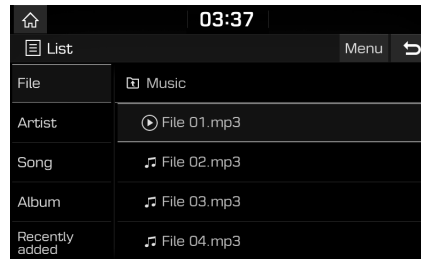


2. Press the desired file after searching for a category.
   The category can be sorted by [File], [Artist], [Song], [Album] or [Recently added].

**Note**
Press [▣] to move to upper folder.

## Using the list menu

1. Press [Menu] in list screen.
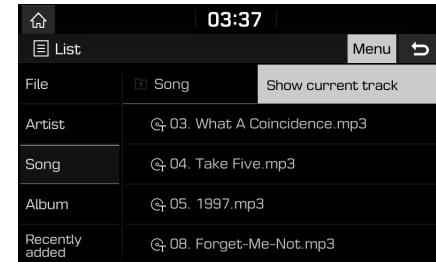


2. Press [Show current track].
   The screen moves to the file list currently playing.

# USB Operation

## Repeat

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

1.  Press [Repeat].
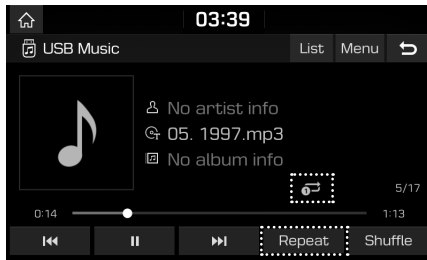


2.  Select the desired mode by pressing [Repeat] repeatedly.

    •   [⟷]: Plays all files sequentially.

    •   [⟲]: Repeats all files within the current folder.

    •   [①]: Repeats the current file, only.

    •   [⟲]: Plays the files sequentially within the [Artist], [Song], [Album] or [Recently added].

## Shuffle

Playing files in random order.

1.  Press [Shuffle].



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

    •   [⤨]: Plays all files randomly.

    •   [⤨]: Plays all files within current folder randomly.

    •   [⤨]: Plays all files randomly within the [Artist], [Song], [Album] or [Recently added].

## Sound settings

1.  Press [Menu] > [Sound settings].

2.  For details refer to page 70 ("Sound").

## Viewing USB Video

You can watch video files saved in a USB memory device.

1.  Connect a USB device to the USB port.

2.  Press [MEDIA].

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

### Switching to menu screen or full screen

Press the screen repeatedly.

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

### Pause

You can pause the playing file. For details refer to page 16 ("Pause").

### Skip

You can play the previous or next file. For details refer to page 16 ("Skip").

### Search

You can fast forward/rewind to a specific point of a file. For details refer to page 16 ("Search").

## Seek

You can play the file directly by searching for the desired file. For details refer to page 16 ("Seek").

## List

You can search for a desired video using the video list.

1.  Press [List].



- • To move to the file list screen currently playing, press [Menu] > [Now playing].
- • Press [ ] to move to upper folder.

2.  Press the desired video.

## Repeat

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

1.  Press [Repeat].
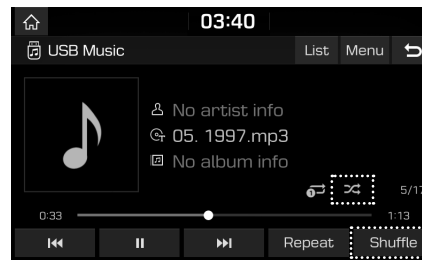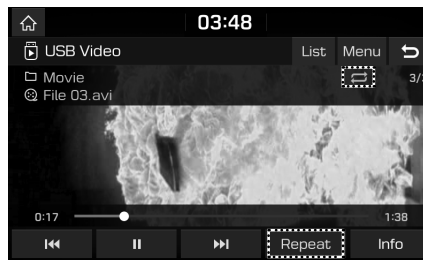


2.  Select the desired mode by pressing [Repeat] repeatedly.

- • [      ]: Plays all files sequentially.
- • [      ]: Repeats all files within the current folder.
- • [      ]: Repeats the current file, only.

## Info

This menu shows the file name, resolution and total time of the current video.

Press [Info].
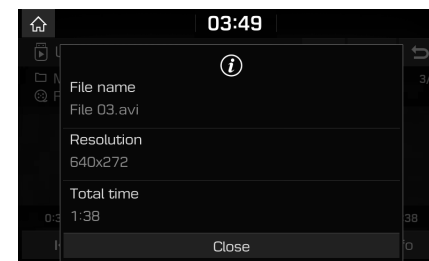


## Sound settings

1.  Press [Menu] > [Sound settings].
2.  For details refer to page 31 ("Sound").

## Display settings

1.  Press [Menu] > [Display settings].
2.  For details refer to page 32 ("Display").

# Bluetooth® audio

## Playing Bluetooth audio

- Music stored in the mobile phone can be played in the car through Bluetooth audio streaming.

- Bluetooth audio can be played only when a Bluetooth phone or Bluetooth audio device has been connected. To play Bluetooth audio, connect the Bluetooth phone to the car system. For more information on connecting Bluetooth, please refer to the owner's manual [Pairing and connecting the unit and a Bluetooth phone] on

- If Bluetooth is disconnected while playing Bluetooth audio, the audio stream will be interrupted.

- The audio streaming function may not be supported in some mobile phones. Only one function can be used at a time, You can not use the Bluetooth hands-free and the Bluetooth audio function at the same time. For example, if you convert to the Bluetooth hands-free while playing Bluetooth audio, the music stream is paused.

- Playing music from the car is not possible when there are no music files saved in the mobile phone.

## Starting the Bluetooth audio

1. Connect your Bluetooth device to the head unit.

2. Press [MEDIA].

   The Bluetooth audio screen is displayed.
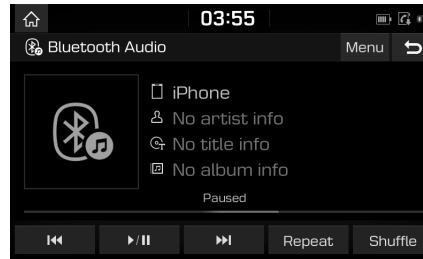


### Note
To play bluetooth audio while a different source is playing, press [MEDIA] > [Bluetooth Audio].

### Pause
Press [▶/Ⅱ] during playback.

Press [▶/Ⅱ] to play it again.

### Note
This feature may not be supported in some Bluetooth devices.

### Skip
You can play the previous or next file.

For details refer to ("Skip").

### Note
This feature may not be supported in some Bluetooth devices.

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

For details refer to ("Repeat").

### Shuffle
Playing files in random order.
For details refer to ("Shuffle").

### Connection settings

1. Press [Menu] > [Connection settings].

2. For details refer to ("Bluetooth connections").

### Sound settings

1. Press [Menu] > [Sound settings].

2. For details refer to ("Sound").

# Android Auto/Apple CarPlay

## What is Android Auto/Apple CarPlay?

Securely access your smartphone while driving. Various functions of your smartphone are displayed on and operable from the screen of the multimedia device (e.g. navigation, making a call, listening to music etc.)

When connected, an Android Auto/Apple CarPlay icon appears on the screen. Available functions and operations may differ depending on the company model.

For more information, visit the Google or Apple website.

> Google: http://support.google.com/androidauto/
>
> Apple: http://www.apple.com/ios/carplay/

## Cautions

• Android Auto is a registered trademark of Google Inc.

• Apple CarPlay is a registered trademark of Apple Inc.

• Android Auto and Apple CarPlay are unavailable if the phone OS is not the latest version or if the phone cannot be recognized due to a shutdown caused by a failure or defect in the device itself.

• Your phone may not be recognised if its battery is low. Charge your phone then try again.

• If your phone is shut down due to a defect in the device itself, reset your phone and try again.

• If the USB cable of the Android Auto/ Apple CarPlay device is repeatedly disconnected and reconnected in a short period of time, the phone may malfunction. This can also cause a device failure.

• The device recognition time may differ depending on the device type and firmware/OS version.

• Using the USB cable that came with the phone is recommended. (Using a non-genuine product may cause noise or malfunction.)

• Normal operations cannot be guaranteed if the phone is arbitrarily manipulated while Android Auto/Apple CarPlay is active.

• Apple CarPlay cannot be run while making a call vie Bluetooth.

• Android Auto or Apple CarPlay may not operate normally due to mobile phone issues.

• Carrier charges may apply when using Android Auto or Apple CarPlay.

 ※ **Some features may not operate normally according to the version of iOS and Android.**

• The following problems may occur due to phone-related issues:

 [Android Auto]
 − Intermittent black screens appear when entering Android Auto.
 − Differentiation of phones that support Android Auto and those which do not, may not be possible.
 − Black screens appear in some areas of the screen due to app errors.

 [Apple CarPlay]
 − Intermittent black screens appear when entering Apple CarPlay.
 − Black screens appear in some areas of the screen due to app errors when navigating between screens in Apple CarPlay.
 − The audio volume is depending on the volume status of the phone. If the phone volume is set to 0, then no sound will be hearable even if the multimedia system's volume is set to maximum.
 − The sound output of a call may be cut upon disconnecting Apple CarPlay during a call via Apple CarPlay.

 ※ If services do not work properly due to problems similar to the specified above, check your phone, and if necessary, reconnect your phone after restarting.

# Android Auto/Apple CarPlay

## Using Android Auto or Apple CarPlay

1. Make sure only genuine USB cables are used that were provided by the mobile phone´s manufacturer.
2. Enter Android Auto /Apple CarPlay from the home screen or from the submenu [All menus].
3. Now the features such as navigation, music and phone are ready to be used.

### NOTICE

• Before connecting your mobile phone, check whether Android Auto or Apple CarPlay is activated in the [Phone projection] menu.

• After connecting the mobile phone, the phone has to be unlocked and the disclaimers on the phone have to be accepted in order to launch Android Auto or Apple CarPlay.

• The screens and features displayed on the multimedia system correspond to the screens and features provided by Google or Apple. They are subject to changes according to the policy of the respective company.

### NOTICE-Android Auto

• Bluetooth media features will be disabled when Android Auto is activated. After removing the USB cable, these features will be available again.

• If Android Auto is not activated even after a successful connection, follow these steps:

 – Check whether an error occurred on the phone.

 – Check whether Android Auto has been closed on the phone.

 – Check whether Android Auto is activated in the [Phone projection] menu.

• If Android Auto does not work normally even after a reconnection has been made, visit the Google website http://support.google.com/androidauto.

### NOTICE-Apple CarPlay

• Bluetooth phone/media features will be disabled when Apple CarPlay is activated. After removing the USB cable, these features will be available again.

• If Apple CarPlay is not activated even after a successful connection, follow these steps:

 – Check whether Apple CarPlay is disabled in the iPhone´s application settings.

 – Check whether Apple CarPlay is activated in the [Phone projection] menu.

• If Apple CarPlay does not work normally even after a reconnection has been made, visit the Apple website http://www.apple.com/ios/carplay/

# Bluetooth® Wireless Technology

## Before Using the Bluetooth Handsfree

### What is Bluetooth Wireless Technology?

• Bluetooth Wireless Technology refers to a short-distance wireless networking technology which uses a 2.45GHz frequency to connect various devices within a certain distance.

• Supported within PCs, external devices, Bluetooth phones, PDAs, various electronic devices, and automotive environments, Bluetooth Wireless Technology to be transmitted at high speeds without having to use a connector cable.

• Bluetooth Handsfree refers to a device which allows the user to conveniently make phone calls with Bluetooth mobile phones through the system.

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

### Precautions for Safe Driving

• Bluetooth Handsfree is a feature that enables drivers to practice safe driving. Connecting the head unit with a Bluetooth phone allows the user to conveniently make calls, receive calls, and manage the phone book. Before using Bluetooth Wireless Technology, carefully read the contents of this owner's manual.

• Excessive use or operations while driving may lead to negligent driving practices and be the cause of accidents. Do not operate the device excessively while driving.

• Viewing the screen for prolonged periods of time is dangerous and may lead to accidents. When driving, view the screen only for short periods of time.

### Cautions upon Connecting Bluetooth Phone

• Before connecting the head unit with the mobile phone, check to see that the mobile phone supports Bluetooth features.

• If you do not want automatic connection with your Bluetooth device, turn the Bluetooth feature off of the Bluetooth device.

• Park the vehicle when pairing the head unit with the mobile phone.

• Some Bluetooth features may occasionally not operate properly depending on the firmware version of your mobile phone. If such features can be operated after receiving a S/W upgrade from your mobile phone manufacturer, unpair all devices and pair again before use.

## Pairing and connecting the unit and a Bluetooth phone

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

### When no phones have been paired

1. Press [ ⌂ ] › [All menus] › [Phone]. Or press [ ☎ ] on the steering wheel remote control.

   • [Cancel]: Cancels Bluetooth connection.

   • [Help]: Moves to the [Bluetooth] quick guide menu.

2. In your phone, initiate a search for Bluetooth devices. (The default device name is HYUNDAI MOTORS.)

3. 1) If the SSP (Secure Simple Pairing) is not supported, enter the passkey on your Bluetooth device. (The default passkey is 0000.)

   2) If the SSP (Secure Simple Pairing) is supported, press [Yes] on the pop-up screen of your Bluetooth device. (The pop-up screen may differ from the actual information of the Bluetooth device.)
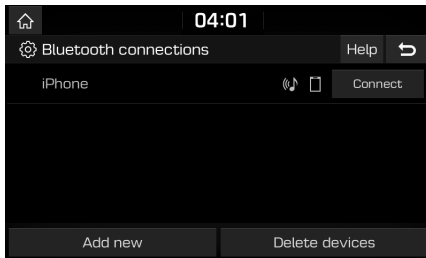
# Bluetooth® Wireless Technology

4. Bluetooth device is connected.

   The mobile phone contacts and the calling list are downloaded.

   When the connection fails, failure message is displayed on the screen.
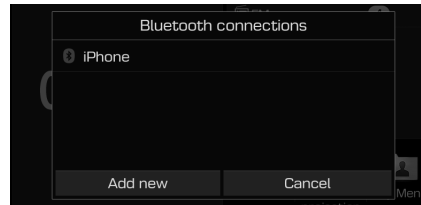
## When a phone is already paired

1. Press [ 🏠 ] > [All menus] > [Phone]. Or press [ 📞 ] on the steering wheel remote control.

2. Press the device from the Bluetooth device list pop-up screen.

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

## When pairing additional device

1. 1) When using [SETUP] button, press [SETUP] > [Bluetooth] > [Bluetooth connections].

   04:01
   ⚙ Bluetooth connections          Help  ↩
   iPhone                        ((♪))  □  Connect

   Add new              Delete devices

2) When using [ 📞 ] button, press [ 📞 ].

   Bluetooth connections
   🔵 iPhone

   Add new              Cancel

2. 1) Select the device you want to connect.

   2) If there is no device you want to connect, press [Add new].

3. In your phone, initiate a search for Bluetooth devices. (The default device name is HYUNDAI MOTORS.)

4. 1) If the SSP (Secure Simple Pairing) is not supported, enter the passkey on your Bluetooth device. (The default passkey is 0000.)

   2) If the SSP (Secure Simple Pairing) is supported, press [Yes] on the pop-up screen of your Bluetooth device. (The pop-up screen may differ from the actual information of the Bluetooth device.)

5. Bluetooth device is connected.

   The mobile phone contacts and the calling list are downloaded.

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

### Notes
• For safety reasons, pairing a Bluetooth phone is not possible when the vehicle is in motion. Park the vehicle in a safe location to pair a Bluetooth phone. It is possible to pair up to 5 mobile phones. In order to pair new phone, you must first delete one of the previously paired phones.

• Some functions may not be supported due to limited Bluetooth compatibility.

• When a Bluetooth device is connected, a new device cannot be paired.

# Bluetooth® Wireless Technology

## Disconnecting the connected phone

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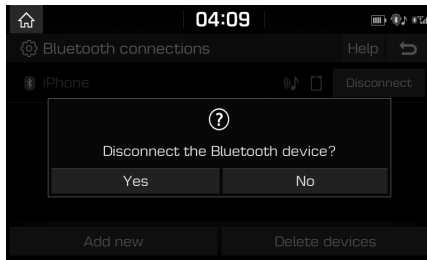


3. Press [Yes].

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

## Deleting Bluetooth Devices

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

1. Press [SETUP] > [Bluetooth] > [Bluetooth connections].
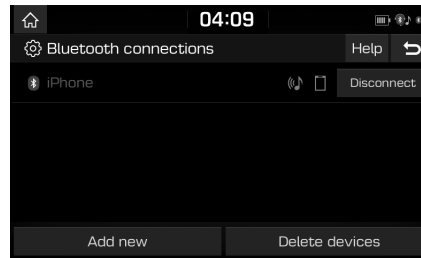


2. Press [Delete devices] to delete the devices.

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

## Making a call by entering phone number

Connect your unit and Bluetooth phone before making a call.

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

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

## Making a call by redialling

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

**Note**
Redialling is not possible when there is no number in the dialled calls list.

# Bluetooth® Wireless Technology

## Answering/Rejecting a call

1. If there is an incoming call, a popup message will appear.

2. Press [Accept] in the popup message or [ ] on the steering wheel remote control.

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

### Notes
• If the Call-ID service is available, the caller's phone number is displayed.

• If caller's phone number is saved in the phone book, the caller's name is displayed on the unit.

• Upon receiving a call, the [Reject] function may not be supported in some mobile phones.

## Switching call to the mobile phone

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

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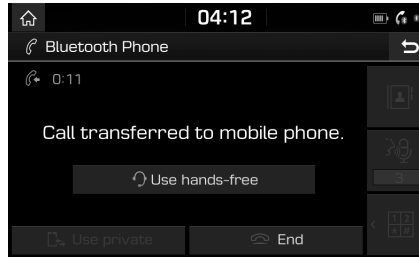


2. If you want to switch the call to the car hands-free while talking on the mobile phone, press [Use hands-free] on the screen or press and hold [ ] on the steering wheel remote control.

   The call is switched to the car hands-free.

## Ending a call

1. To end a call, press [ ] on the phone screen or [ ] on the steering wheel remote control.

2. The call is ended.

## Using the menu during a phone call

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



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

# Bluetooth® Wireless Technology

## Calling list

### Making a call from calling list

1. Press [ ] on the phone screen.
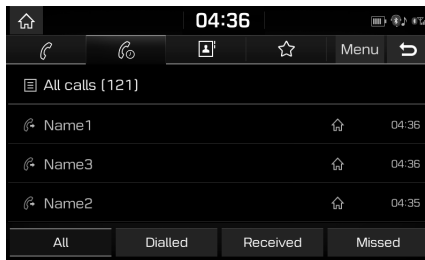


2. Press [All], [Dialled], [Received], or [Missed].

   • [All]: Displays all calling list.

   • [Dialled]: Displays the outgoing calling list.

   • [Received]: Displays the incoming calling list.

   • [Missed]: Displays the missed calling list.

3. Press the entry you want to call.

**Note**

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

## Downloading call history

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

1. Press [ ] on the phone screen.

2. Press [Menu] > [Download] > [Yes].
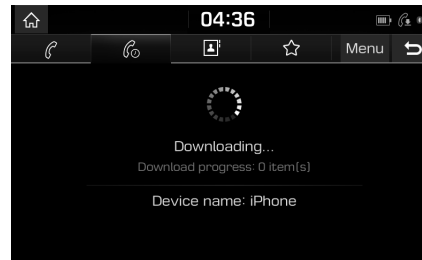


**Notes**

• Up to 50 received, dialled, and missed call history lists can be downloaded.

• The download feature may not be supported in some mobile phones. Check to see that the Bluetooth device supports the download feature.

## Contacts

### Making a call from contacts

1. Press [ ] on the phone screen.

   The contacts are displayed on the screen.



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

# Bluetooth® Wireless Technology

## Downloading mobile phone contacts

You can download contacts from your mobile phone.

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

```
          04:37           📶
   📞    📞    📱    ⭐   Menu  ↩

              ⟳
          Downloading...
            0 item(s)

        Device name: iPhone
```

### Notes

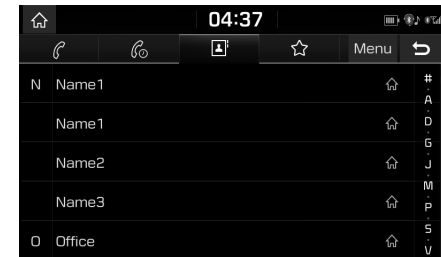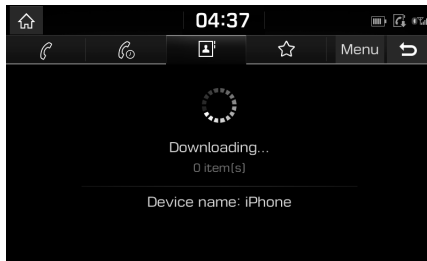• Upon downloading mobile phone contacts, the previous data is deleted.

• This feature may not be supported in some mobile phones.

## Searching by name or number

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

1. Press [ 📱 ] > [Menu] > [Search] on the phone screen.

```
  🏠          04:38           📶
  Enter name or number.          [0]  ↩

  q  w  e  r  t  y  u  i  o  p
  a  s  d  f  g  h  j  k  l  -
  ⇧  '  z  x  c  v  b  n  m  ⌫
  123#   Á...Ý   ___   A...Я  ⚙   OK
```

2. Enter the name or number, press [OK].

3. Select the contact you want to call.

## Favourites

### Calling Favourites

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

First of all, add the phone number in the Favourites. Refer to the "Adding as a Favourite" on

1. Press [ ⭐ ] on the phone screen.

```
  🏠          04:39           📶
   📞    📞    📱    ⭐   Menu  ↩
  ▤ Entire list (3)

  Name1                        🏠
  Name2                        🏠
  Name3                        🏠
```
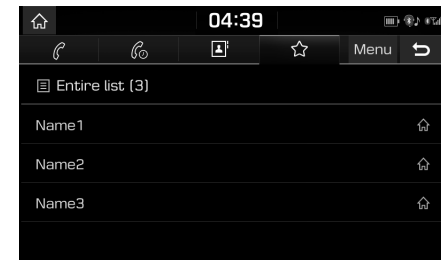
〈Favourites screen〉

2. Select the desired favourite.

# Bluetooth® Wireless Technology

## Adding as a Favourite

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

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



2.  Select one of the contacts.
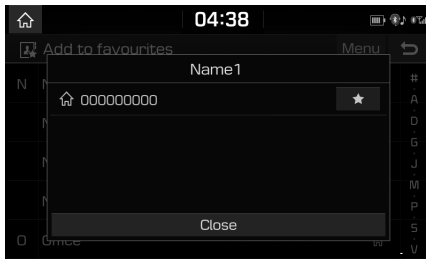


3.  Press [ ⭐ ] > [Close] > [ ↩ ].

### Note

If the phone numbers have already been stored in the Favourites, you can add or delete them by pressing [Menu] > [Edit].

## Deleting favourites

1.  Press [ ⭐ ] on the phone screen.

2.  Press [Menu] > [Delete all] > [Yes] to delete all favourites.

    Press [Menu] > [Delete items].



3.  Select the desired item, then press [Delete] > [Yes].

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

## Phone settings

This menu describes phone settings.

1.  Press [ ⚙ ] on the phone screen.

2.  For details, refer to the "Bluetooth" on page 71.

# Settings

## [Settings] menu overview

## Sound

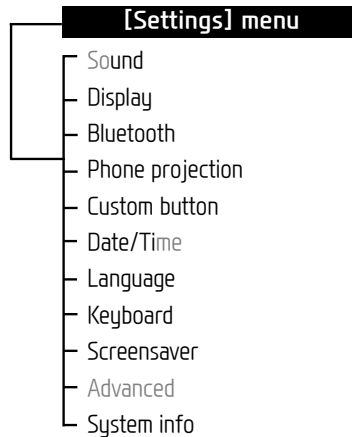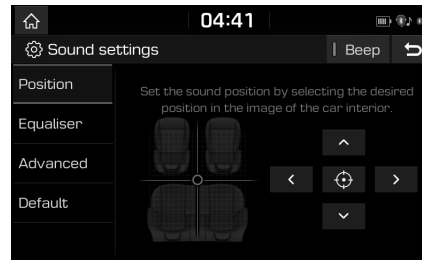This menu is used to adjust the sound effects for the whole system. (It may vary depending on the type of vehicle.)

1. Press [SETUP] > [Sound].



2. Select the desired items.

- [Position]: This menu allows you to set the sound position. For example, you can set the sound close to the driver-seat so that the volume is relatively lower in the passenger or rear seats.
  - Press [<]/[∧]/[∨]/[>] to control the sound positioning.
  - Drag and drop the dot to a desired place to adjust the sound position.
  - Press [ ⊕ ] to concentrate the sound in the centre of the vehicle.

- [Equaliser]: This menu allows you to set the Bass [BASS]/ Middle [MID]/ Treble [TREBLE].
  - Press [-]/[+] to control bass/middle/ treble settings.
  - Drag the slide bar to control bass/middle/ treble settings.
  - Press [Centre] to initialize the settings.

- [Advanced]: This menu allows you to control automatically the audio volume according to the speed of the vehicle. Press [SDVC].

- [Default]: Resets the sound settings to factory default.

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

## Display

This menu is used to adjust the display settings for the whole system.

1.   Press [SETUP] > [Display].
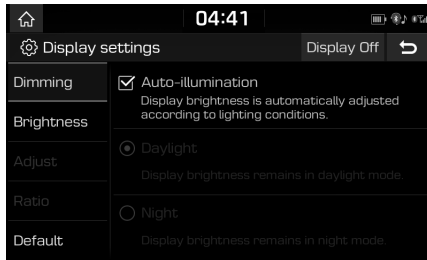


2.   Select the desired items.
- [Dimming]: Sets the display brightness according to mode changes.
  - [Auto-illumination]: Adjusts the brightness automatically according to surrounding brightness.
  - [Daylight]: Always keeps the brightness high regardless of surrounding brightness.
  - [Night]: Always keeps the brightness low regardless of surrounding brightness.

- [Brightness]:
  - Press [-]/[+] to set display brightness for daylight or night mode.
  - Press [Centre] to initialize the settings.
- [Adjust]: This menu can be set in video mode.
  - Press [-]/[+] to control [Brightness]/ [Contrast]/ [Saturation] settings.
  - Drag the slide bar to control brightness/ contrast/saturation settings.
  - Press [Centre] to initialize the settings.
- [Ratio]: Sets the display ratio according to mode changes.
  This menu can be set in video mode.
  - [Normal]: Adjusts the screen to 4:3.
  - [Full]: Adjusts the screen to full screen display.
  - [Wide]: Adjusts the screen to 16:9.
- [Default]: Resets the display settings to factory default.
- [Display Off]: Press [Display Off] to turn the screen off. Press the screen to turn the screen on.
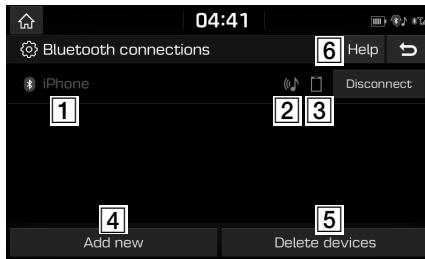
# Settings

## Bluetooth

This menu describes Bluetooth phone settings.

### Bluetooth connections

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

Press [SETUP] > [Bluetooth] > [Bluetooth connections].



[1] Paired device list: Displays the paired Bluetooth device list. When selecting from the list, the device is either connected or disconnected.

[2] Bluetooth audio connection status: An icon appears when you make a Bluetooth audio connection.

[3] Bluetooth hands-free connection status: An icon appears when you make a Bluetooth hands-free connection.

[4] [Add new]: Registers a new Bluetooth device.

[5] [Delete devices]: Selects and deletes a paired device.

[6] [Help]: Switches to the Bluetooth connection help screen.

### Auto connection priority

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

1. Press [SETUP] > [Bluetooth] > [Auto connection priority].
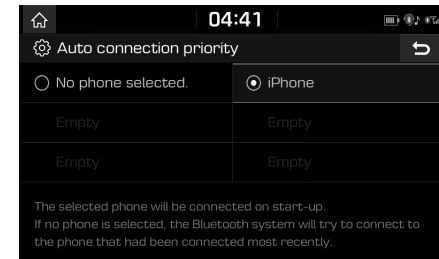


2. Select the desired items.

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

# Settings

## System Bluetooth info

### Vehicle name

You can change the Bluetooth device name of the vehicle.

1. Press [SETUP] > [Bluetooth] > [System Bluetooth info] > [Vehicle name].



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

### Note

The default device name is set to ACCENT.

## Passkey

You can change the passkey used for Bluetooth device authentication.

1. Press [SETUP] > [Bluetooth] > [System Bluetooth info] > [Passkey].
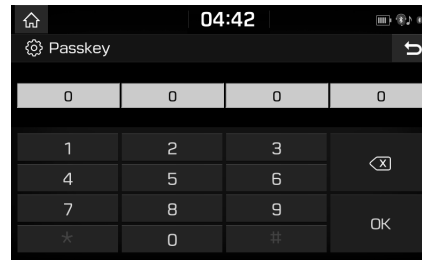


2. Enter the passkey using the keypad.

### Note

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

### Default

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

1. Press [SETUP] > [Bluetooth] > [Default].

2. Press [Default] > [Yes].

## Custom button

You can assign a function to custom button.

1. Press [SETUP] > [Custom button].



2. Select the desired function.

# Settings

## Phone projection

This menu describes phone projection settings.

1. Press [SETUP] > [Phone projection].
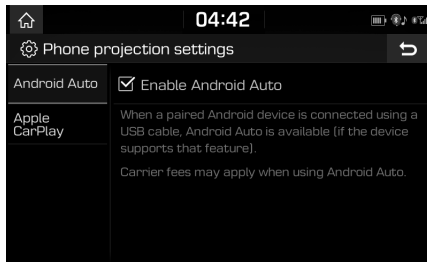


2. Press the desired items.
   - [Android Auto]: If Android Auto is checked, you can use the functions of your Android device with a USB cable connected.
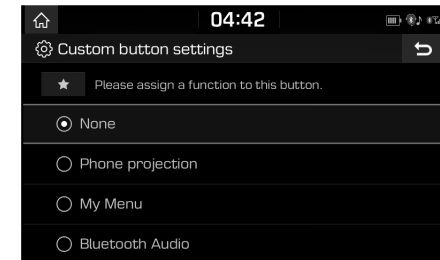   - [Apple CarPlay]: If Apple CarPlay is checked, you can use the functions of your iPhone with a USB cable connected.

## Date/Time

This menu describes date and clock settings.

1. Press [SETUP] > [Date/Time].
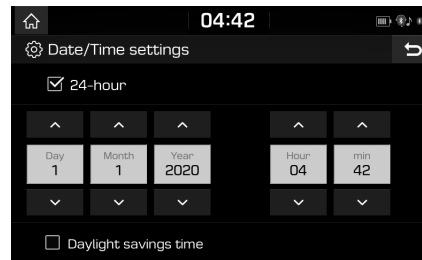


2. Select the desired items.
   - [24-hour]: Switches to 12 hour or 24 hour.
   - [Daylight savings time]: Turns the daylight savings time on or off. When daylight savings time is turned on, the clock is moved forward one hour.

## Language

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

1. Press [SETUP] > [Language].



2. Select the desired language.

# Settings

## Keyboard

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

Configured keyboard layouts are applied to all input modes.

1. Press [SETUP] > [Keyboard].
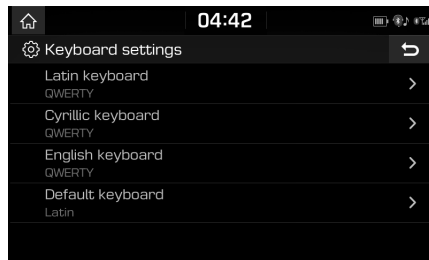


2. Select the Keyboard settings.
   • latin keyboard: [QWERTY], [QWERTZ], [AZERTY] or [ABCD].
   • Cyrillic keyboard:[QWERTY] or [ABCD].
   • English keyboard: [QWERTY] or [ABCD].
   • Default keyboard: [latin] or [Cyrillic].

## Screensaver

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

1. Press [SETUP] > [Screensaver].
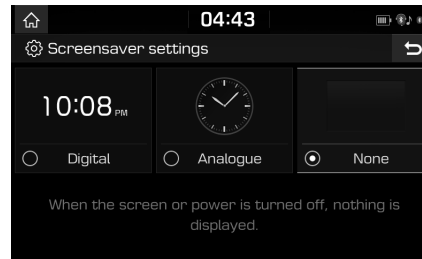


2. Select the desired items.
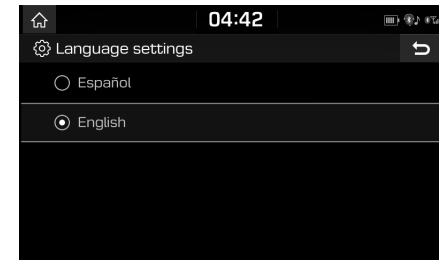   • [Digital]: The digital clock and date is displayed.
   • [Analogue]: The analogue clock and date is displayed.
   • [None]: Nothing is displayed.

## Advanced

This menu describes advanced settings.

1. Press [SETUP].
2. Press [Advanced].
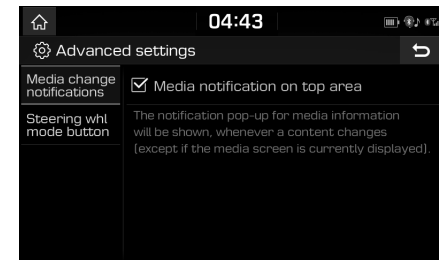


3. Select the desired items.
   • [Media change notifications]: If the box checked, the notification pop-up for media information will be shown on the top of the screen, whenever a content changes.
   • [Steering whl mode button]: Selects the desired feature when you pressing [ ⟳ ] on steering wheel to toggle media modes.

# Settings

## System info

### Version info

You can view software version, firmware version.
Press [SETUP] > [System info] > [Version info].



### Update

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

1.  Press [SETUP] > [System info] > [Version info] > [Update].



2.  Insert the USB with latest file downloaded into the USB port.

3.  Press [Update].

    Once updating is complete, the system will automatically restart.

### Notes

• This product requires regular updates for software corrections or new functions updates. Updating may require up to 1 hour depending on the data size.

• Turning off the power or ejecting the USB during the update process may result in data loss. Make sure to keep the ignition on and wait until updating is complete.

### Default

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

1.  Press [SETUP] > [System info] > [Default].

2.  Press [Default] > [Yes].

### Note

This [Default] menu cannot be changed while an external device is connected via USB.

## About Rear Camera

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

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

### Notes

• Rear camera has an optical lens to secure wide view, so there is a little difference in the distance shown on the screen. For safety, make sure to check the rear, left, and right view by yourself.

• The colour of the parking guide line on the screen may differ from reality.



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

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

# Before thinking there is a product defect

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

| Problem | Possible Cause |
|---|---|
| There are small red, blue, or green dots on the screen | Because the LCD is manufactured with technology requiring high point density, a pixel or lighting deficiency may occur within 0.01% of total pixels. |
| The sound or image is not working | • Has the Switch for the vehicle been turned to [ACC] or [ON]?<br>• Has the SYSTEM been turned OFF? |
| The screen is being displayed but sound is not working | • Has the volume been set to a low level?<br>• Has the volume been muted? |
| When the power is turned on, the corners of the screen are dark | • The display appearing somewhat dark after prolonged periods of use is normal with LCD panels. It is not a malfunction.<br>• If the screen is very dark, contact your nearest authorised Hyundai dealer for assistance. |
| Sound is working from only one speaker | Are the positions of Fader or Balance sound controls adjusted to only one side? |
| Sound does not work in AUX mode | Are the audio connector jacks fully inserted into the AUX terminal? |
| The external device is not working | Is the external device connected with a standard connector cable? |
| When turning power on, the most recent mode screen is not displayed | Within modes that play files by reading external sources, such as USB or Bluetooth® streaming mode, the most recently played mode screen prior to turning off power may not properly load.<br>• If the corresponding device is not connected, the mode operated prior to the most recent mode will operate.<br>• If the previous mode still cannot be properly played, the mode operated prior to that will operate. |

# Troubleshooting

| Problem | Possible Cause | Countermeasure |
|---|---|---|
| The power does not turn on. | The fuse is disconnected. | • Replace with a suitable fuse.<br>• If the fuse is disconnected again, please contact your authorised Hyundai dealer. |
| | Device is not properly connected. | Check to see that the device has been properly connected. |
| The system does not play. | The vehicle battery is low. | Charge the battery if the problem persists, contact your authorised Hyundai dealer. |
| The image colour/tone quality is low. | The brightness, saturation, and contrast levels are not set properly. | Properly adjust the brightness, saturation, and contrast levels through Display Setup. |
| Sound does not work. | The volume level is set to the lowest level. | Adjust the volume level. |
| | The connection is not proper. | Check to see that the device has been properly connected. |
| | The device is currently fast-forwarding, rewinding, scanning, or playing in slow mode. | The sound will not work when the device is fast-forwarding, rewinding, scanning, or playing in slow mode. |

# Troubleshooting

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

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

**DIVX HD** ®

## DivX®

This DivX Certified® device can play DivX® HD video files (including .avi, .divx).

Download free software at www.divx.com to create, play and stream digital videos.

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Covered by one or more of the following U.S. patents: 8,731,369; RE45,052.

# Specification

| Common | Power Supply | DC 14.4 V |
|---|---|---|
| | Operating Power | DC 9 V ~ DC 16 V |
| | Current Consumption | Maximum 14 A |
| | Dark Current | Maximum 0.5 mA |
| | Operating Temperature | –20 ℃ ~ +70 ℃ |
| | Storage Temperature | –40 ℃ ~ +85 ℃ |
| | Dimensions (Head unit) | 246 mm (W) X 155.4 mm (H) X 200.6 mm (D) |
| | Weight (Head unit) | 2.0 kg |
| Bluetooth | Supported Profile | HFP 1.6, A2DP 1.2, AVRCP 1.5, PBAP 1.1 |
| | Supported Bluetooth Specification | 3.0 |
| | Frequency Range | 2402 MHz ~ 2480 MHz |
| | Output (Class2) | 1.0 dBm (Average) |
| | Number of Channels | 79 |

This equipment should be installed and operated with minimum 20 cm between the radiator and your body.

| Radio | AM | |
|---|---|---|
| | Tuning range | 522 kHz ~ 1620 kHz |
| | Usable Sensitivity | 35 dBuV |
| | Signal-to-noise ratio | Minimum 45 dB |
| | FM | |
| | Tuning range | 87.50 MHz ~ 108.00 MHz |
| | Usable Sensitivity | 10 dBuV |
| | Signal-to-noise ratio | Minimum 50 dB |
| TFT-LCD | Screen Size | 177.73 mm (7 inches) 152.4 (W) x 91.44 (H) mm (Active area) |
| | Resolution | 384,000 pixel |
| | Operating Method | TFT (Thin Film Transistor) |
| | Viewing Angle | R/L/U/D 89 (Typ) |
| | Internal Lighting | LED |

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

FCC (Federal Communications Commission)

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 technical for help.

*WARNING:* *This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.*

This device complies with Part 15 of the FCC's 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 undesirable operation.

# Support - Hotline

Web Site: http://www.navigation.com/hyundai

International Toll Free Number: 00800 18 23 53 22

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