



HYUNDAI

Functions and services in this manual may differ from those in the actual vehicle.

Car Multimedia System USER'S MANUAL

FCC

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the 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 transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. This device should be installed and operated with minimum distance 20cm between the radiator & your body.

Thank you for purchasing this Hyundai Motors Car Multimedia System.

This user's manual explains how to use the Hyundai Motors Car Multimedia System.

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

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

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Start

Name of Each Component

Head unit

Head unit functions may vary for each model.

POWER PUSH or PWR / Volume knob

- Press to turn on the screen.
- When power is on, press and hold to turn off the screen.
- When power is on, press to turn radio/media off.
- Turn left/right to control volume.

⊙ (Reset hole)

- Press with a thin object to reset the unit when it does not operate normally.

< SEEK/TRACK > (Λ / V) button

When it is pressed for a short time

- Radio mode: Plays previous/next available frequency or station.
- Media mode: Plays previous/next file.

When it is pressed and held

- Radio mode: Plays previous/next available frequency or station.
- Media mode: Rewinds or fast forwards the file.

RADIO button

- Press to go to the radio screen.

MEDIA button

- Press to go to the available media.

SETUP button

- Press to go to the settings screen.

Tune/Enter knob

- In Radio mode, turn left/right to change the frequency or station.
- In Media mode, turn left/right to change file and press to select the desired file.

☆ (Custom button)

- Press to move to the [Custom button] menu. After setting a desired function, press to use the desired function.

Steering Wheel Remote Control

Steering wheel remote control functions may vary for each model.

/ **MODE button**

- Each time this button is pressed, the Radio or Media mode is changed.
- If the media is not connected, it is changed in the order FM > AM > FM.
- When it is pressed and held, move to Advanced settings "Steering wheel MODE button".

W/S button

When it is pressed for a short time

- Radio mode: Plays previous/next Favourites.
- Media mode: Plays previous/next file.

When it is pressed and held

- Radio mode: Plays previous/next available frequency or station.
- Media mode: Rewinds or fast forwards the file.

(Voice Recognition button)

- Press to switch to voice recognition mode.
- To cancel it, press and hold the button again.

button

Press to operate Bluetooth hands-free function.

- Normal mode, press and hold to enter phone mode, long press to redial.
- When a call comes in, press and hold to answer, long press to reject.
- During a call, press and hold to hang up.
- During the 1st call, when the 2nd call is reserved, press and hold to keep the 1st call, and the 2nd call is in progress; long press to end the 1st call and answer the 2nd call.
- During a 1st call, when a 2nd call comes in, press and hold to keep the 1st call and answer the 2nd call, long press to hang up the 2nd call, and the 1st call remains unchanged.

 button

- Increases or decreases the volume level.

 (Mute)

- Press to mute the sound. (It will be paused in some media modes.)

 (Custom button)

- Press to move to the [Custom button] menu.
- After setting a desired function, press to use the desired function.
- If the custom key is not defined, press the custom key to enter the custom button settings interface.
- You can choose one of four functions: none, reject or end call, privacy mode, and voice memo.
- If the custom key has been defined, pressing is the corresponding function.

Basic operation

System ON/OFF

The image of this product may be different from the actual product.

Starting the system for the first time

1. Press the Engine Start button. 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].

Note

- You cannot operate the system while it is booting up. It may take some time for all of the 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 screen off

Press and hold Power button on the head unit.

To turn the screen on again, press power button on the head unit.

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. Adjust the volume to a suitable levels before turning off the system or set the startup volume in sound Settings menu.

AV ON/OFF or Volume Adjustment

AV OFF

Press Power button on the head unit when the AV is ON.

AV ON

Press Power button on the head unit when the AV is OFF.

Adjusting the volume

Turn the Volume knob to control volume.

Resetting the system

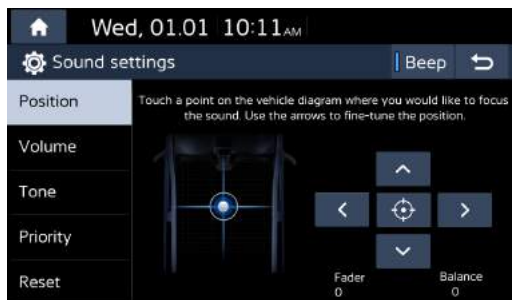
This feature is used to reset the system in the occurrence of an unforeseen error or problem. Press "RESET" hole. (The use of a clip or pin is recommended when resetting the system.)

General Operation of the Menu in available Mode

Sound Settings

This menu is used to adjust the sound effects for the whole system.

1. Press [Sound] on the pop-up menu of available mode.

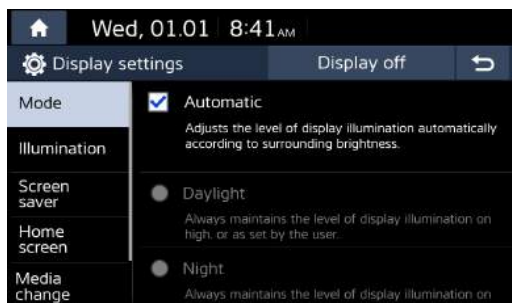


2. For more details, refer to the "[Sound Settings](#)".

Display Settings

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

1. Press [Display] on the pop-up menu of available mode.

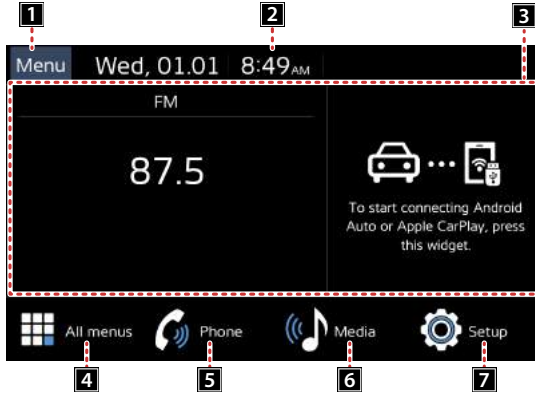


2. For more details, refer to the "[Display Settings](#)".

HOME screen

Configuration for Home screen

The detailed menu in each layout can be adjusted by user.



1 Menu

- Editing the [Edit left widgets], [Edit right widgets] or [Edit Home icons].

2 Time bar

- Displays the current time.
- Touch the area to move to the date/time settings screen.

3 Home widget

- Display the current source, click to enter the source interface.
- Click on the widget on the right to enter the device connections settings Screen.

4 All menus

Click all menu icons on the widget interface to display all items.

- [Phone]: Operates bluetooth hands-free.
- [Apple CarPlay]: Runs Apple CarPlay function.
- [Radio]: Converts to the last played radio mode.
- [Android Auto]: Runs android auto function.
- [Media]: Converts to the last played media mode.
- [Voice memo]: Moves to the voice memo menu.
- [Setup]: Moves to the settings menu.

5 Phone

- Operates Bluetooth hands-free.

6 Media

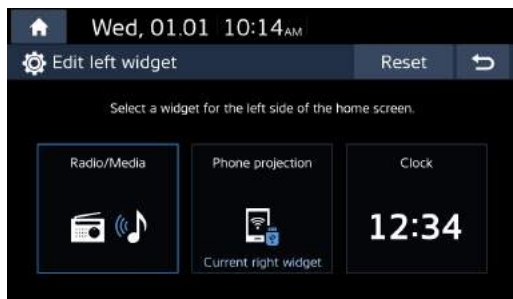
- Moves to the Media screen.

7 Setup

- Moves to the Setup screen.

Editing Home widgets

1. Press [Menu] > [Edit Left Widget, Edit Right Widget] on the Home screen.



2. Click to replace widget.
3. Press [↩] on the screen.

! Note

- Press [Reset] to reset all the Home widgets.
- If supported widgets are 2 or less, Edit Home Widget is not supported.

Editing Home Screen

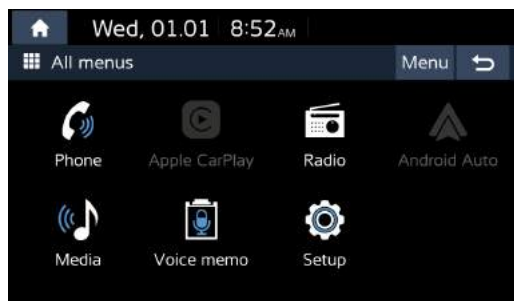
1. Press [SETUP] > [Display] > [home screen] on the Home screen.



2. To edit a widget or icon, select its area/box.
3. Press [↩] on the screen.

Basic operation of Home screen

1. Press [>] on the screen in any mode.



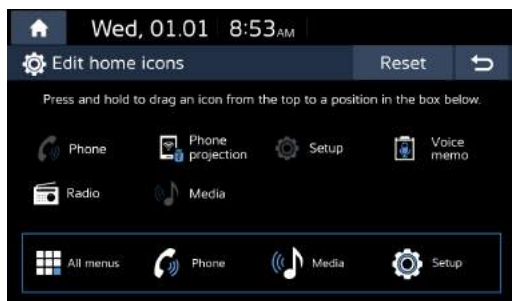
2. Select the desired menu on the Home screen.
3. Subsequent operations will be performed according to the desired menu selection.

Customizing HOME screen

1. Press [Menu] > [Edit Home Icons].



2. Select the desired menu item from the list, then drag and drop it to a desired place.



3. Press [↶] on the screen.

Note

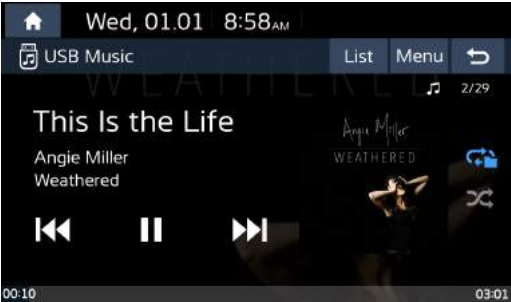
Press [Reset] to reset home screen.

Media

Playing USB

Playing USB Music

You can play music files saved in a USB memory device.
Connect an USB device to the USB port, playback will start automatically.



 Note

- Press [MEDIA] > [USB Music].
- Press [Menu] > [Songs for this artist] or [Songs for this album] to move to the list menu screen.

Pause

You can pause the playing file.
Press [||] on screen.
Press [▶] on screen to play it again.

Skip

You can play the previous or next voice memo.

Position	Description
Screen	• Press [◀◀ / ▶▶]. • Pressing [◀◀] after 5 seconds of playback time plays the current file from the beginning.

Fast forward or Rewind

You can Fast forward or Rewind to a specific point of a file.

Position	Description
Screen	Press and hold [⏮ / ⏭] and then release at the point you want.

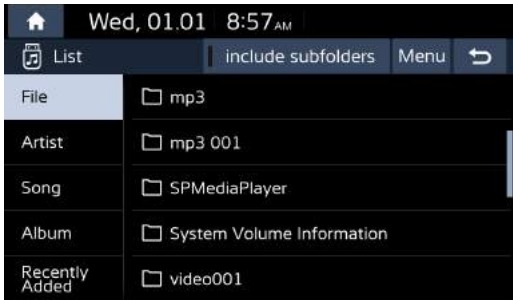
 Note

When you drag or touch the desired part on the progress bar, the music of the selected part plays.

List

Click list to enter USB music player list.

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 an upper folder.
- If you want to play the entire file in the list, press [Play].

Repeat

Switch the repeat mode of the song.

1. Press [].



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

- []: Plays all files sequentially.
- []: Repeats all files within the current folder.
- []: Repeats the current track.

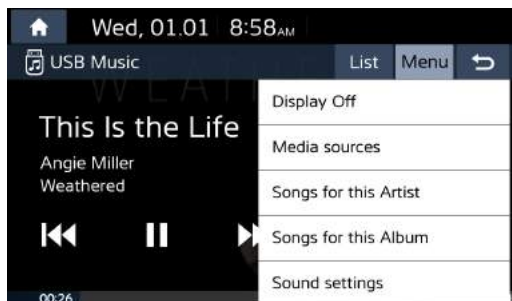
Shuffle

Press the random button to switch the random mode.



Using the list menu

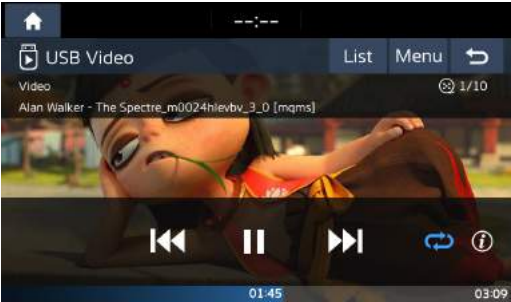
1. Press [Menu] on the music screen.



- [Display off]: Click the [Display off] button to enter the standby screen.
- [Media sources]: You can enter the Reorder Icons screen.
- [Song for this Artist]: Move to the Artist list menu screen.
- [Song for this Album]: Move to the Album list menu screen.
- [Sound settings]: Enter the sound settings screen.

Playing USB Video

You can play video files saved in a USB memory device.
Connect a USB device to the USB port and playback starts automatically.



Note

- Press [MEDIA] > [USB Video].
- Video is not available while driving. (Because of traffic regulations, video is only available while the vehicle is stopped or the transmission lever is put to P position.)

Pause

You can pause the playing file.
Press [||] on screen.
Press [▶] on screen to play it again.

Skip

You can play the previous or next file.

Position	Description
Screen	• Press [◀◀ / ▶▶]. • Pressing [◀◀] after 5 seconds of playback time plays the current file from the beginning.

Fast forward or Rewind

You can Fast forward/Rewind to a specific point of a voice memo.

Position	Description
Screen	If you touch and hold [⏮ / ⏭] and release at the desired part, that part is played.

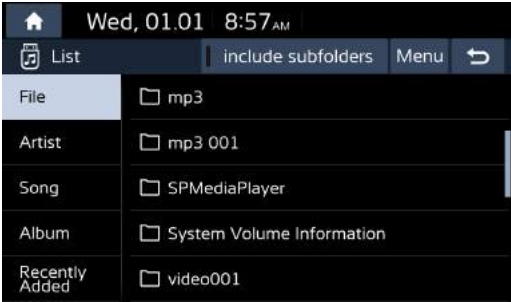
 Note

When you drag or touch the desired part on the progress bar, the video of the selected part plays.

List

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

1. Press [List].



2. Press the desired file.

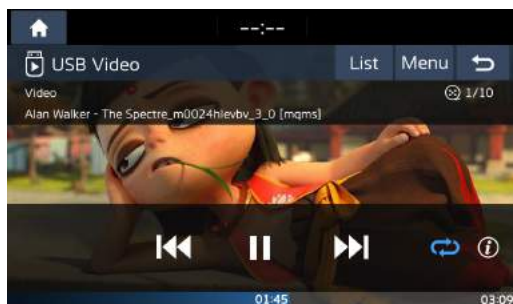
 Note

- Press [⏮] to move to an upper folder.

Repeat

The current playing file is played repeatedly.

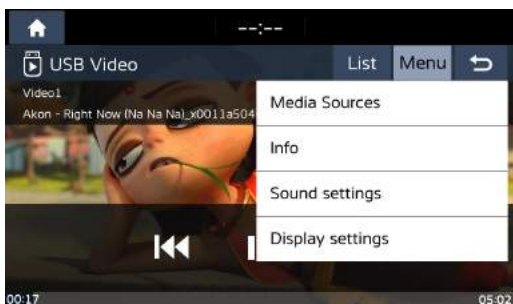
1. Press [↺].



2. Select the desired mode by pressing [↺] repeatedly.
 - [↺]: Plays all files sequentially.
 - [↺↺]: Repeats all files within the current folder.
 - [↺↺↺]: Repeats the current track.

Using the list menu

1. Press [Menu] on the video screen.

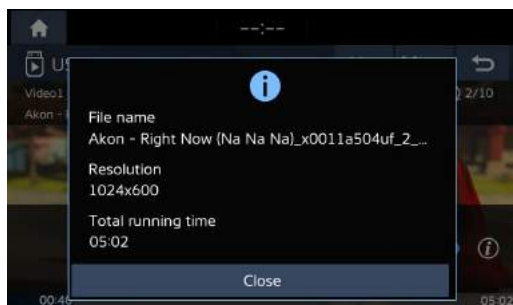


- [Media sources]: You can enter the Reorder Icons screen.
- [Info]: This feature shows information of the file.
- [Sound settings]: Enter the sound settings screen.
- [Display settings]: Enter the Display settings screen.

File information

This feature shows the name, resolution and playback time information of the file.

1. Press [Menu] > [Info] or [].



2. Press [Close].

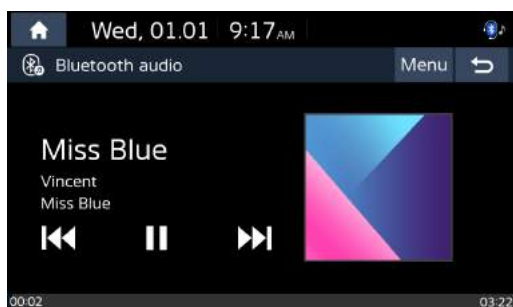
Bluetooth audio

Playing Bluetooth audio

- Music saved in the mobile phone can be played in the car through Bluetooth audio streaming.
- Bluetooth audio can be played only when a Bluetooth® phone 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 *“Pairing and connecting the unit and a Bluetooth phone”* part.
- 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 between the Bluetooth hands-free or Bluetooth audio function. For example, if you convert to the Bluetooth hands-free while playing Bluetooth audio, the music will be discontinued.
- 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] > [Bluetooth Audio].



Note

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

Pause

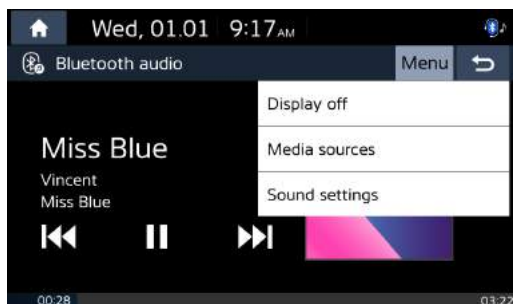
You can pause the playing file.

Press [||] on screen.

Press [▶] on screen to play it again.

Using the list menu

1. Press [Menu] on the Bluetooth audio screen.



- [Display off]: Click the [Display off] button to enter the standby screen.
- [Media sources]: You can enter the Reorder Icons screen.
- [Sound settings]: Enter the sound settings screen.

Voice memo

Making a voice memo

Press [Voice memo] on the All menus screen.



Record

Start/Pause/Stop the voice memo.

Position	Description
Screen	- To run voice memo, touch [●]. - To pause voice memo, touch [⏏] during recording. If you want to restart the voice memo, touch [●]. - To stop voice memo, touch [■] during recording.

Playing a voice memo

Press [Voice memo] on the Home screen.
 To play a desired voice memo, select it in the voice memo list.



Pause

You can pause the playing file.
 Press [||] on screen.
 Press [▶] on screen to play it again.

Skip

You can play the previous or next voice memo.

Position	Description
Screen	- Press [◀◀ / ▶▶]. - Pressing [◀◀] after 5 seconds of playback time plays the current file from the beginning.

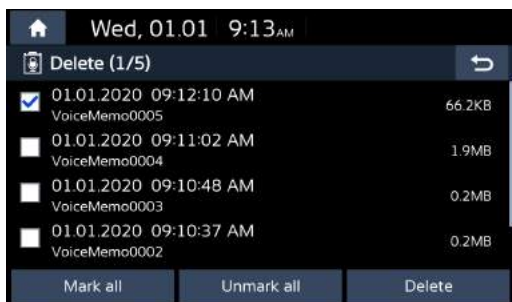
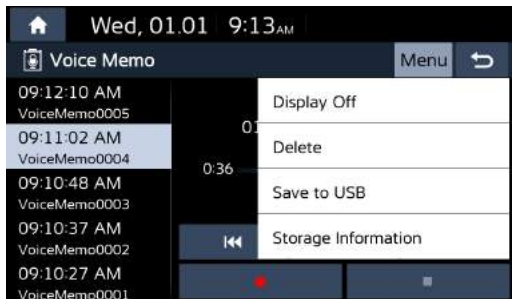
Fast forward or Rewind

You can Fast forward/Rewind to a specific point of a voice memo.

Position	Description
Screen	If you touch and hold [◀◀ / ▶▶] and release at the desired part, that part is played.

Deleting voice memo

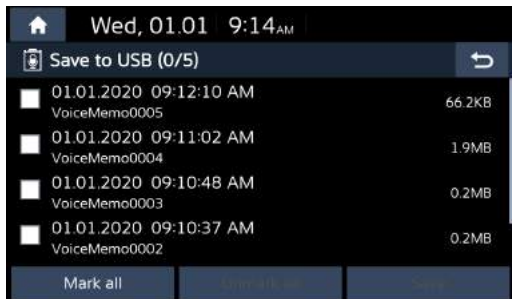
1. Press [Menu] > [Delete] on the voice memo screen.



2. Select the voice memo to delete and press [Delete] > [Yes].
 - [Mark all]: Marks all items.
 - [Unmark all]: Unmarks all items.

Saving voice memo on a USB

1. Press [Menu] > [Save to USB] on the voice memo screen.



2. Select the voice memo to save and press [Save] > [Yes].
 - [Mark all]: Marks all items.
 - [Unmark all]: Unmarks all items.

Note

- You can save in the USB device formatted as FAT16/32, exFAT, NTFS.
- When saving to USB, the voice memo is saved in the voice memo folder.

Checking storage space information

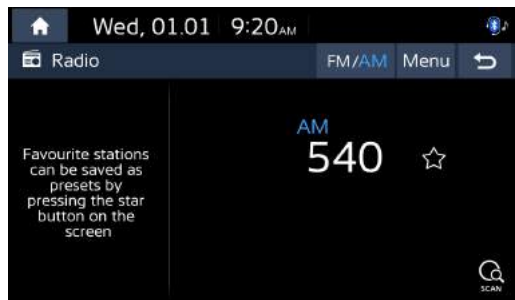
1. Press [Menu] > [Storage Information] on voice memo screen.
2. Check the storage space of the head unit. For details, refer to "Storage" part.

Radio

Listening to AM

Press [Radio] button or [Radio] on the All Menus to directly enter the radio to view the listening frequency band.

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.

Auto tuning

Press A SEEK/TRACK D on the head unit or W/S button on the steering wheel.
Search and play previous/next available station.

Manual tuning

Turn left/right the Tune/Enter knob on the head unit.
The frequency moves up and down accordingly.

Favourites tuning

On the Radio interface, press the station in the list on the left to play the selected station.

Scan

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

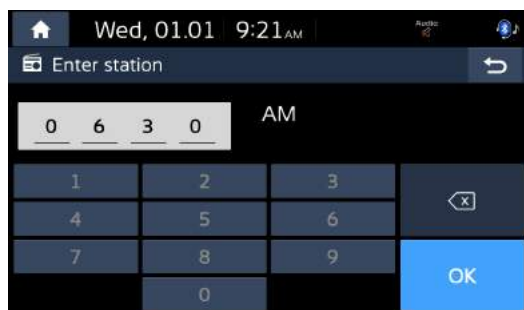
Press [].

Press [] again to stop the scan function.

Enter station

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

1. Press [Menu] > [Enter station].



Delete Favourites

This function delete the frequency saved to favorite list.

1. Press [Menu] > [Delete Favourites].



2. Select the channel to delete and press [Delete] > [Yes].
 - [Mark all]: Selects all items.
 - [Unmark all]: Unmarks all items.

Listening to FM

Press [RADIO] button or [Radio] on the All Menus to directly enter the radio to view the listening frequency band.



Note

Each time [RADIO] button on the head unit is pressed, the mode is changed in the order FM > AM > FM.

Auto tuning

Press < SEEK/TRACK > on the head unit or $\wedge/\vee$ button on the steering wheel. Search and play previous/next available station.

Manual tuning FM(If equipped)

Turn left/right the Tune/Enter knob on the head unit. The frequency moves up and down accordingly.

Favourites tuning

Press the station in the list on the left to play the selected station.

Note

- FM broadcasts are transmitted at high frequencies and do not bend following the earth's surface. Because of this, FM broadcasts generally begin to fade at short distances from the station. Also, FM signals are easily affected by buildings, mountains or other obstructions. These can result in undesirable listening conditions and show wrong information (ex. RDS PS NAME, etc.), which might lead you to believe a problem exists with your radio. The following conditions are normal and do not indicate radio trouble.
- When the signal is weak, FM noise is generated.

Scan

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

Press [].

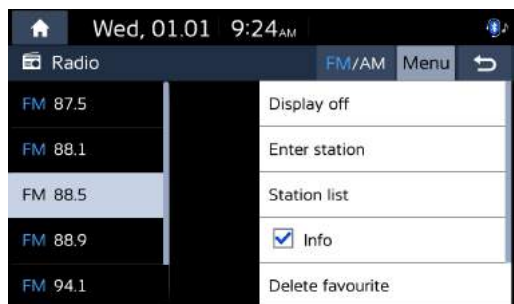
Press [] again to stop the scan function.

Info

Switch ps name, pty and rt information display.

Opening the FM station list

You can see the station list with superior reception. Press [List].



Note

Press [Enter Station] to enter the digital search interface, you can manually enter the radio frequency band to search.

Saving FM Favourites

It saves the listening station to the desired favourites list.

1. Select the desired frequency.
2. Press the desired favourites section or .

It will be displayed in the list on the left after the collection is successful.



Delete Favourites

This function delete the frequency saved to favorite list.

1. Press [Menu] > [Delete Favourites].



2. Select the channel to delete and press [Delete] > [Yes].
 - [Mark all]: Selects all items.
 - [Unmark all]: Unmarks all items.

Phone

Bluetooth

Bluetooth® Wireless Technology

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 Hands-free refers to a device which allows the user to conveniently make phone calls with Bluetooth mobile phones through the system.
- The Bluetooth Hands-free feature may not be supported in some mobile phones.

Precautions for Safe Driving

- Bluetooth is a feature that enables drivers to use handsfree while 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 user's manual.
- Excessive use or operations while driving may lead to negligent driving practices and be the cause of accidents. Do not operate the device excessively while driving.
- Viewing the screen for prolonged periods of time is dangerous and may lead to accidents. When driving, view the screen only for short periods of time.

Cautions upon Connecting Bluetooth Phone

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

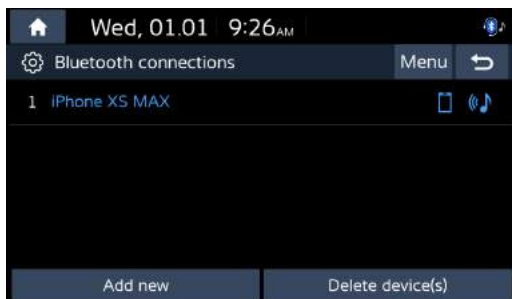
1. Press [Phone] on the Home screen. Or press [] on the steering wheel remote control.
 - [Cancel]: Cancels Bluetooth connection.
 - [Add new]: Add new device.
2. In your phone, initiate a search for Bluetooth devices.
(The default vehicle name is Hyundai Motors.)
3.
 - 1) If the SSP (Secure Simple Pairing) 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.
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

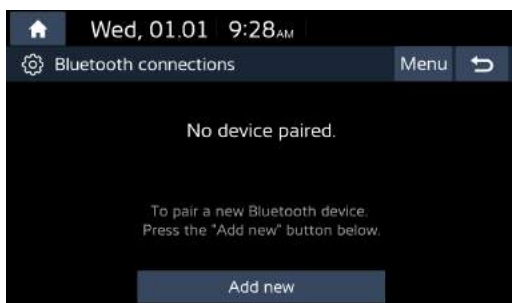
1. Press [Phone] on the Home screen, or press [] on the steering wheel remote control.
2. Press the device from the Bluetooth device list pop-up screen. If you want to pair additional device, press [Add new]. Follow steps 2-4 of "When no phones have been paired" part.

When pairing additional device

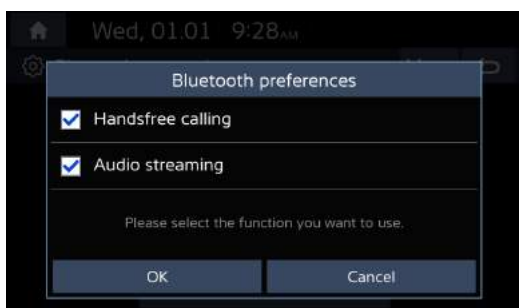
1. Press [SETUP] > [Device connections] > [Bluetooth] > [Bluetooth connections].



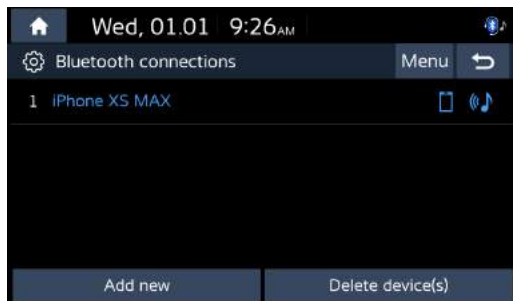
2. Select the device you want to connect.
If there is no device you want to connect, press [Add New].



3. Select the service to connect, press [OK].
When Bluetooth is connected, the Hands-free connection / audio can only be used for one Bluetooth connection.



4. In your phone, initiate a search for Bluetooth devices.
(The default vehicle name is Hyundai Motors.)
5.
 - 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.)
6. Bluetooth device is connected. The mobile phone contacts and the calling list are downloaded.



Note

- 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 a new phone when there are already 5 mobile phones paired, you must first delete one of the previously paired phones.
- Some functions may not be supported due to limited Bluetooth compatibility between the car system and mobile phone.
- When the connection fails, failure message is displayed on the screen.
- When a Bluetooth device is connected, a new device cannot be paired. If you want to pair a new phone, first disconnect the connected Bluetooth device.

Disconnecting the connected phone

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



3. Press [Disconnect].

Note

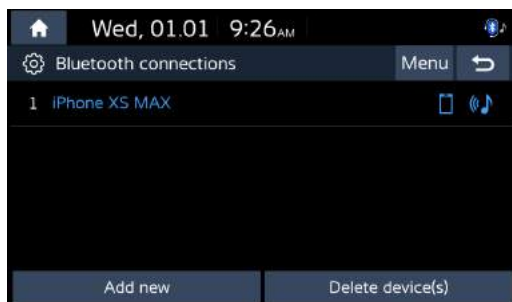
If you want to connect the disconnected phone again, select the disconnected phone.

Deleting Bluetooth Devices

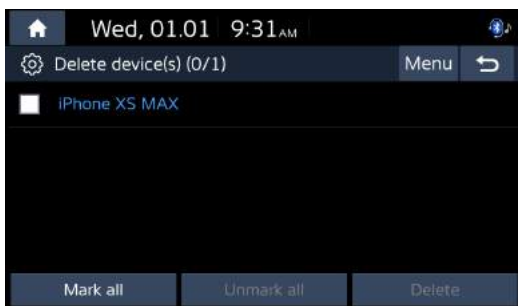
If you do not need to use a phone any longer, you can delete it.

Note that deleting a Bluetooth device will delete all calling list and contact entries.

1. Press [SETUP] > [Device connections] > [Bluetooth] > [Bluetooth connections].
2. Press [Delete device(s)].

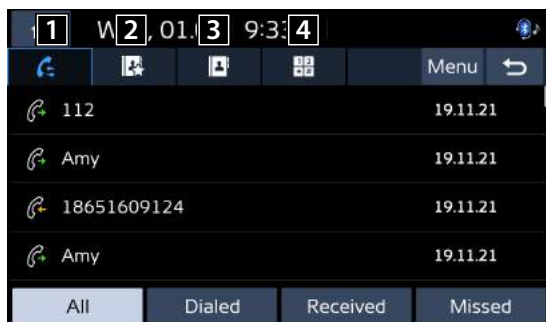


3. Select the desired device, then press [Delete] > [Yes].
 - [Mark all]: Marks all items.
 - [Unmark all]: Unmarks all items.



Phone Screen

Press [PHONE] on the steering wheel or [Phone] on the home screen.



1 (Recent calls)

Moves to recent calls screen.

2 (Favorites)

Moves to favorites Screen.

3 (Contacts)

Moves to contacts screen.

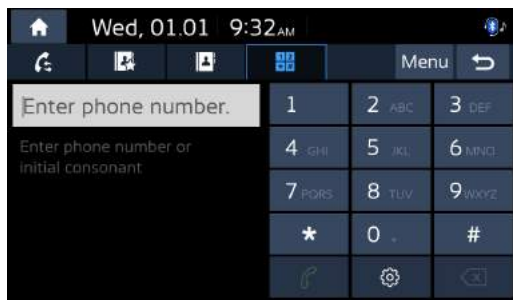
4 (Dial screen)

Moves to Bluetooth phone dial pad screen.

Making a call

Making a call by entering phone number

1. In the phone screen, press [- 2. Enter the phone number.
- 3. Press [



Note

- If you press the wrong number, press [- Press [

Making a call by redialling

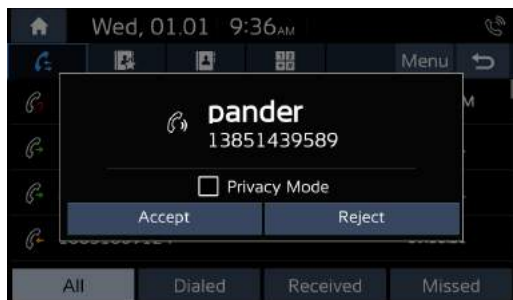
Press twice the dial button on the dial keypad interface or long press the phone button on the steering wheel.

Note

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

Answering/Rejecting a call

1. If there is an incoming call, a pop-up message will appear.
2. Press [Accept] in the pop-up message or  on the steering wheel remote control. When a call comes in, long press the phone button on the steering wheel to reject the call.



Note

- 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.

Using the menu during a phone call

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



1 

Turns the Mic On/Off.

2 

Displays the Outgoing Volume settings.

You can adjust the in-call volume that the other party hears.(level 1-5)

3 

Moves to a screen for entering ARS numbers.

4 

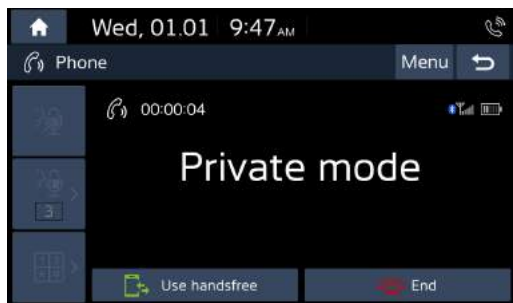
Switches a voice call from the car hands-free to the mobile phone.

5 

Ends a call.

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. 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]. The call is switched to the car hands-free.

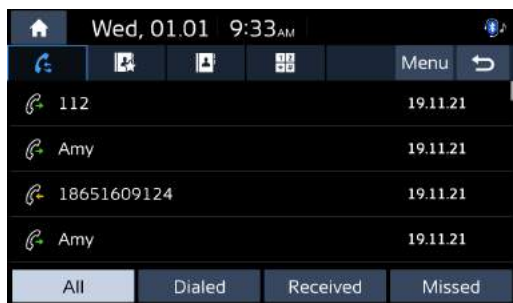
Ending a call

1. To end a call, press [- 2. The call is ended.

Call history

Making a call from calling list

1. Press [] on the phone screen or [] on the steering wheel remote control.



2. Press [All], [Dialed], [Received] or [Missed].
 - [All]: Displays all calling list.
 - [Dialed]: Displays the outgoing calling list.
 - [Received]: Displays the incoming calling list.
 - [Missed]: Displays the missed calling list.
3. Press the phone number you want to call.

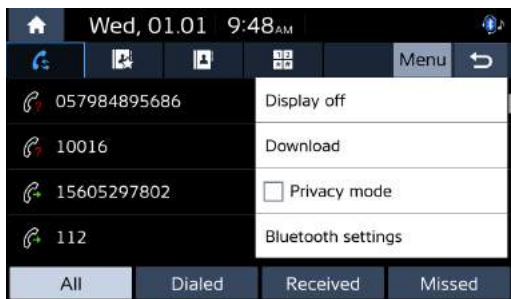
Note

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].



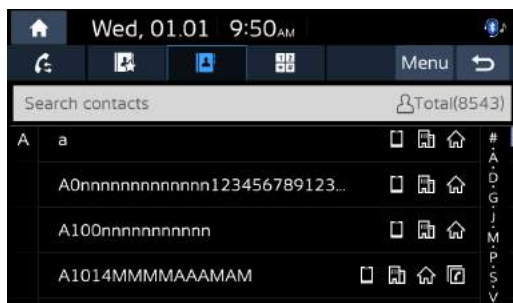
Note

- Up to 50 received, dialed, and missed call history lists can be downloaded.
- The download feature may not be supported on 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.

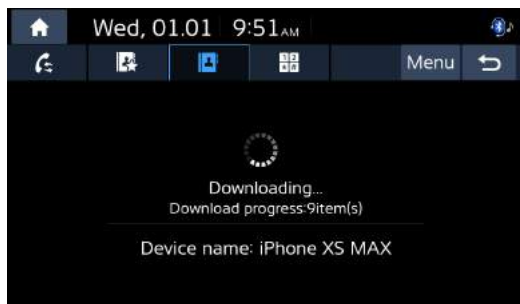
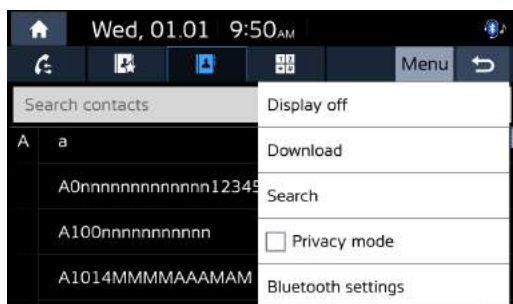


2. Select the contact you want to call from the list of contacts.

Downloading mobile phone contacts

You can download contacts from your mobile phone.

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



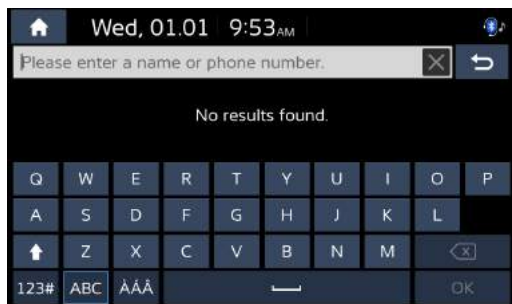
Note

- Upon downloading mobile phone contacts, the previous data is deleted.
- This feature may not be supported on some mobile phones.
- Up to 9999 phone contacts lists can be downloaded.

Searching by name or number

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

1. Press [👤] > [Menu] > [Search].



2. Enter the name or number then 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.

1. Press  on the phone screen.

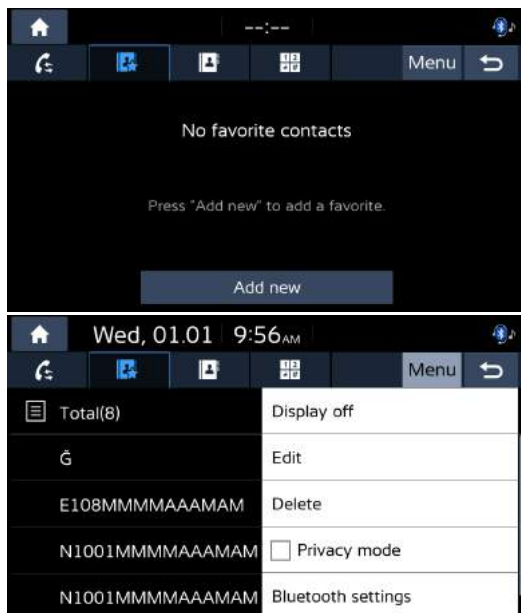


2. Select the desired Favourites.

Adding as a Favourites

Up to 10 contacts can be added to favourites menu.

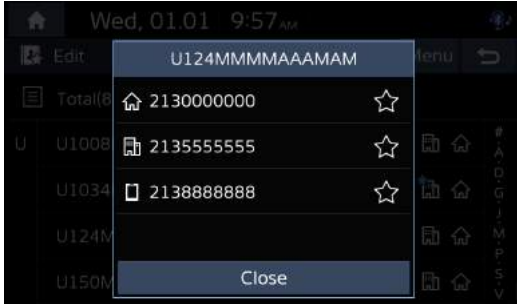
1. Press [] > [Add new] on the phone screen, if there is no Favourites.
Or press [Menu] > [Edit], If the phone numbers have already been stored in the Favourites.



2. Select one of the contacts.



3. Press [**☆**] > [Close] > [**↩**].



Deleting Favourites

1. Press [**🗑️**] on the phone screen.
2. Press [Menu] > [Delete].



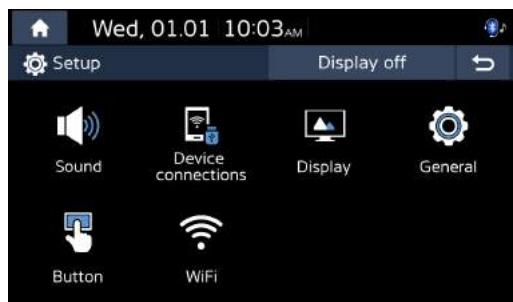
3. Select the desired item, then press [Delete] > [Yes].
 - [Mark all]: Marks all items.
 - [Unmark all]: Unmarks all items.

Setup

Settings

You can set all the settings on the system.

Press [SETUP] on the head unit.



- [Sound]: This menu is used to adjust the sound effects for the whole system.
- [Device connections]: This menu allows you to set the car connectivity of your system.
- [Display]: This menu allows you to adjust the display settings such as brightness or dimming.
- [General]: This menu is used to set general settings such as time or language.
- [Button]: This menu is used to select a function you want to execute with the custom button.
- [Wi-Fi]: This menu describes Wi-Fi settings for using the connected service.

Phone connection Settings

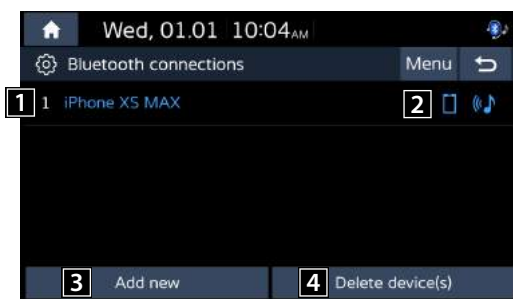
Bluetooth

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] > [Device connections] > [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 and hands-free connection status

When the Bluetooth audio and hands-free connection are connected, the corresponding icon will be highlighted.

3 [Add New]

Registers a new Bluetooth device.

4 [Delete device(s)]

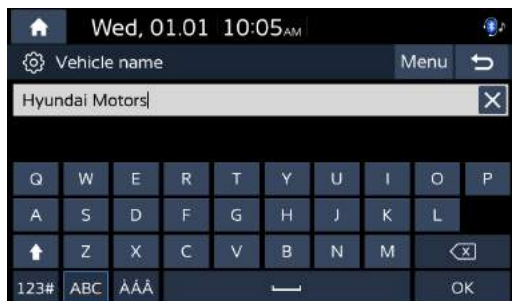
Moves to the [Delete device(s)] menu.

Bluetooth System info

Vehicle name

You can change the Bluetooth device name of the vehicle.

1. Press [SETUP] > [Device connections] > [Bluetooth] > [Bluetooth system info] > [Vehicle name].

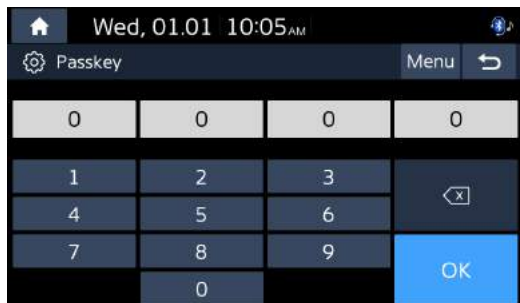


2. Enter the desired name using the keypad, then press [OK].

Passkey

You can change the passkey used for Bluetooth device authentication.

1. Press [SETUP] > [Device connections] > [Bluetooth] > [Bluetooth system info] > [Passkey].



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

Note

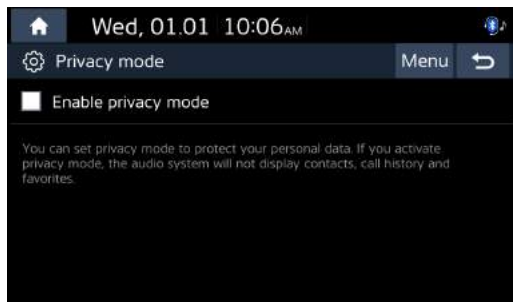
The passkey is a 4-digit authentication code used for a Bluetooth connection between the mobile phone and car system. The default passkey is set to 0000.

Privacy Mode

Privacy mode is used to protect private information.

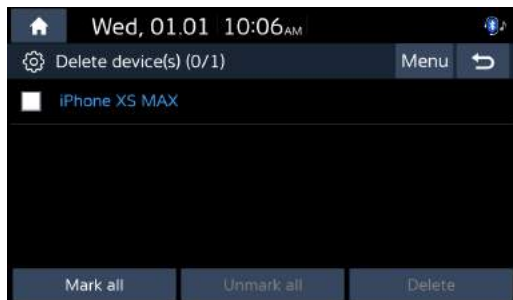
If you activate Privacy Mode, the audio system will not display Contacts, Call history, favorites.

1. Press [SETUP] > [Device connections] > [Bluetooth] > [Privacy Mode].
2. Check [Enable Privacy Mode] to set privacy.



Deleting Device

1. Press [Delete device(s)] on the Bluetooth connections screen.



2. Select the Bluetooth record to delete and press [Delete] > [Yes].
 - [Mark all]: Marks all items.
 - [Unmark all]: Unmarks all items.

Reset

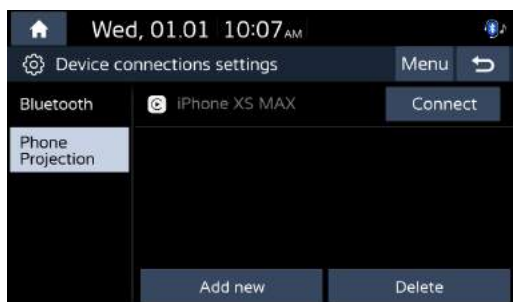
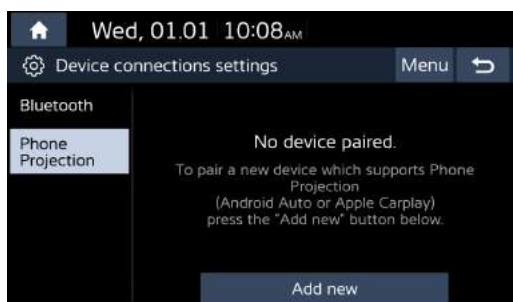
This menu is used to reset the Bluetooth settings to factory default.

Press [SETUP] > [Device connections] > [Bluetooth] > [Reset] > [Yes].

Phone projection

In this menu Android Auto and Apple CarPlay can be enabled by setting a checkmark.

1. Press [SETUP] > [Device connections].> [Phone Projection].



2. Press the [Add New] button to add the device to be connected or select a paired device and press the [Connect] button to connect .

Turn on the Bluetooth and Wi-Fi switches on the mobile Phone, enter the Bluetooth mode of the mobile phone to search for the vehicle name and pair.

- [Wireless Apple Carplay]: After the pairing is successful, a confirmation window of "Use carplay for car?" pops up on the mobile phone, click the "Use carplay for car" button, and the wireless carplay can connect successfully.
- [Wireless Android Auto]: After the Bluetooth connection of the Android phone is successful, the wireless Android Auto interface will be displayed immediately.

Note

Phone specifications for Wireless Connectivity for Apple CarPlay & Android Auto.

- <https://support.google.com/androidauto/answer/6348019#wireless&zipy=%2Candroid-auto-en-la-pantalla-de-tu-auto-in-al%3%A1mbrico>
- <https://support.apple.com/es-mx/HT205634>

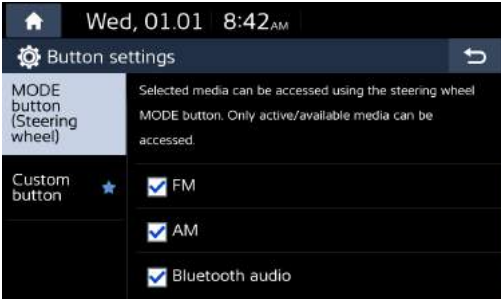
Button Settings

This menu describes button settings.

MODE button (Steering wheel)

Selects the desired features when you press [↻] on steering wheel to toggle media modes.

1. Press [SETUP] > [Button] > [MODE button (Steering wheel)].

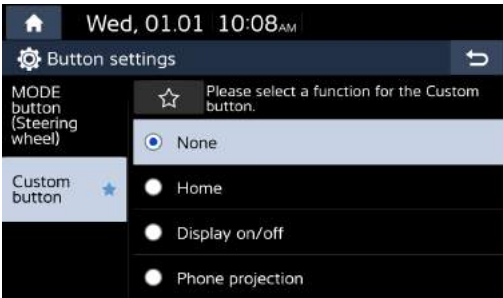


2. When selecting one or more options, press the mode button on the steering wheel to switch among the selected options.

Custom button ★ (Steering wheel)

This menu is used to select a function you want to execute with the Custom button ★ (Steering Wheel).

1. Press [SETUP] > [Button] > [Custom button ★ (Steering wheel)].



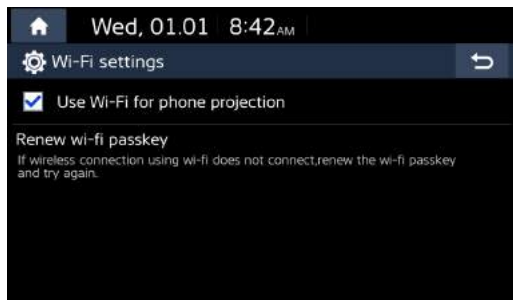
2. select an option to assign a function to Custom button (Steering wheel).

Wi-Fi Settings

Wi-Fi Settings

This menu describes Wi-Fi settings for using the connected service. Some functions and images may differ from actual product, according to the model, option and country.

1. Press [SETUP] > [Wi-Fi].



2. Press the desired items.

[Use Wi-Fi for Phone Projection]: Using Wi-Fi for telephone projection switch.

General settings

SW Info

You can view software version, firmware version and Device ID.

Press [SET UP] > [General] > [SW Info].

 Wed, 01.01 8:42 ^{AM}	
 General settings 	
SW Info	ModelVersion CES-6365-M(SU2) Binch MX
System info	BTVersion GBTS03.1G3.0-0623-21091
Date/Time	OSVersion LOS_V1.3.3_6367_20210827_1444
Language	AppVersion APP_V 1.4.3_8316_211126
Update	McuVersion MCU_V 1.1.6_8316_211126(Boot_V04)

System Info

Storage / User's Manual on Web(QR Code) / Reset

Storage

You can check a memory space for voice memo. (Total storage space, used memory space, remaining memory space).

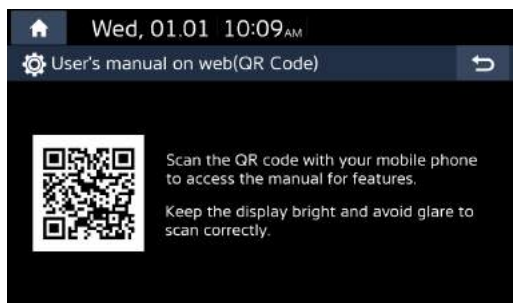
Press [SETUP] > [General] > [System info] > [Storage].

 Wed, 01.01 10:09 ^{AM}	
 Storage 	
Capacity	200MB
Storage for voice memo	Available
2.4MB	197.6MB
	

User's Manual on Web(QR Code)

This menu is used to view the Web Manual.

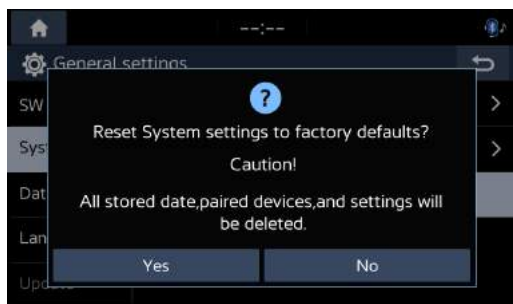
1. Press [SETUP] > [General] > [System info] > [User's Manual Web(QR code)].
2. Scan the QR code of your mobile device. Keep display bright and avoid glare to scan correctly.



Reset

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

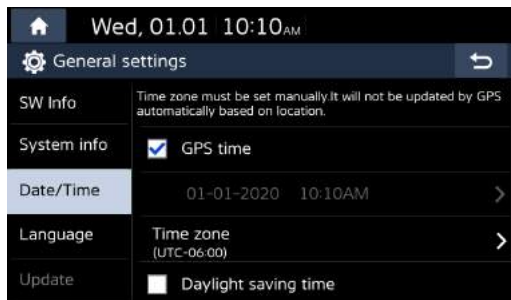
1. Press [SETUP] > [General] > [System info].
2. Press [Reset] > [Yes].



Date/Time

This menu describes date and clock settings.

1. Press [SETUP] > [General] > [Date/Time].
2. Press the Date/Time setting.

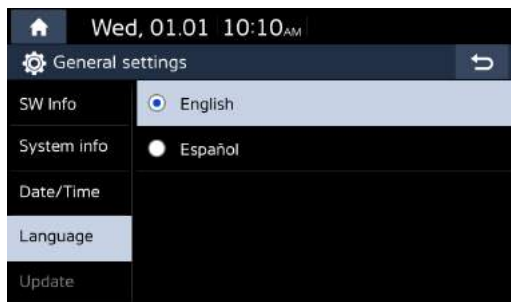


3. Press the desired items.
 - [GPS time]: Displays time according to the received GNSS time.
 - [Time Zone]: Press the [Time Zone] button to enter the Time zone Settings interface to set the time zone.
 - [Daylight saving Time]: When daylight savings time is turned on, the clock is moved forward one hour.
 - [24 Hours]: Check the 24-hour format, the current time will be switched to the 24-hour format.

Language

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

1. Press [SETUP] > [General] > [Language].



2. Select the desired language.

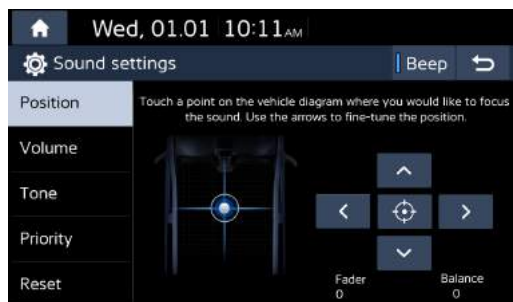
Sound Settings

This menu is used to adjust the sound effects for the whole system.

Beep

This menu is used to play a beep sound whenever you operate the touch screen.

Press [SETUP] > [Sound] > [Beep].

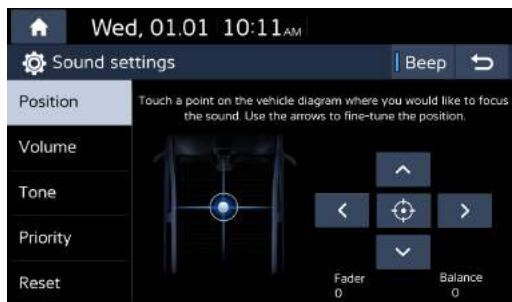


Position

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.

1. Press [SETUP] > [Sound] > [Position].



2. Adjust the sound position. Or press [^] / [v] / [<] / [>] to control the sound position.

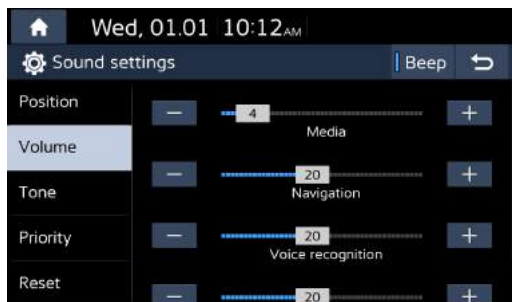
Note

Press [] to concentrate the sound in the centre of the vehicle.

Volume

This menu allows you to set the volume level for [Media]/[Navigation]/[Voice recognition]/[Phone]/[Ringtone]/[Beep].

1. Press [SETUP] > [Sound] > [Volume].



2. Adjust the [Media]/[Navigation]/[Voice recognition]/[Phone]/[Ringtone]/[Beep].
3. Press [—] / [+] to control or drag the slide bar to control volume settings.

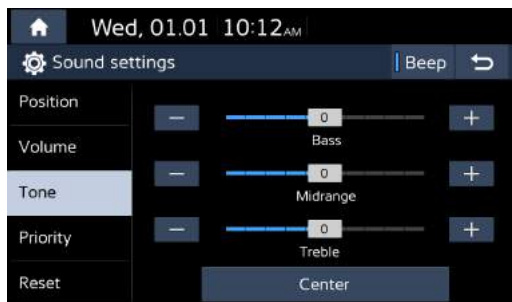
Note

Press [Reset] to reset the volume level settings.

Tone

This menu allows you to set the [BASS]/[Midrange]/[Treble].

1. Press [SETUP] > [Sound] > [Tone].



2. Adjust the [Bass]/[Midrange]/[Treble].
3. Press [−] / [+] to control or drag the slide bar to control equaliser settings.

Note

Press [Center] to initialize the settings.

Priority

This menu is used to set the Priority.

1. Press [SETUP] > [Sound] > [Priority].

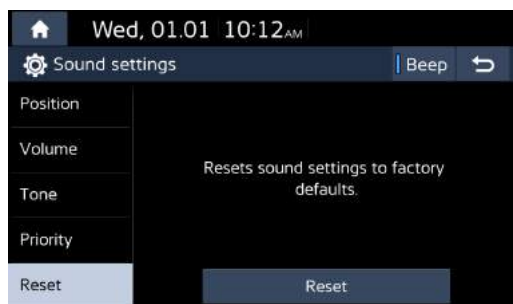


2. Select the desired item.
 - [Parking Safety Priority]: Lowering of audio volume when the shift lever is set to reverse.
 - [Volume limitation on start-up]: Limits the volume ratio automatically when starting the system. After you turn the system on, audio volume would not be changed if previous volume was moderate (Media volume is less than 15 and other volume is less than 20.). After turning on the system, if the previous volume is too high (Media volume is greater than 15 and other volumes are greater than 20.), the media volume will be reduced to 15, and the other volume will be reduced to 20.

Reset

This menu is used to reset all sound settings.

1. Press [SETUP] > [Sound] > [Reset].



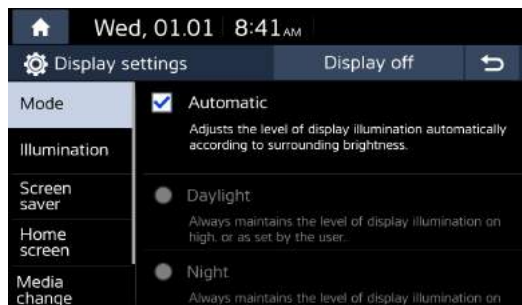
2. Press [Yes].

Display Settings

This menu is used to adjust the illumination and set the dimming mode for the whole system.

Display Off

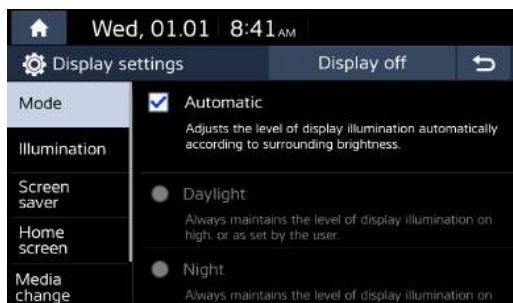
This menu is used to turn the screen off. Press [SETUP] > [Display] > [Display Off].



Mode

Sets the display brightness according to mode changes.

1. Press [SETUP] > [Display] > [Mode].



2. Select the desired items.
 - [Automatic]: Adjusts the brightness automatic according to surrounding brightness.
 - [Daylight]: Always keeps the brightness high regardless of surrounding brightness.
 - [Night]: Always keeps the brightness low regardless of surrounding brightness.

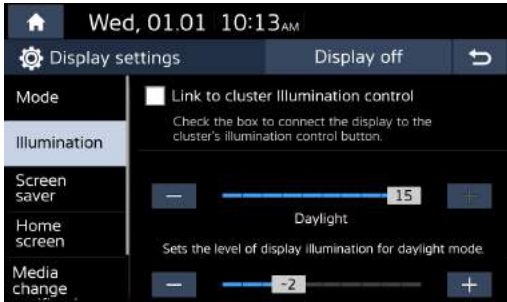
Note

To set daylight and night mode, press [Auto-illumination] to uncheck them.

Illumination

This menu is used to set the Illumination.

1. Press [SETUP] > [Display] > [Illumination].



2. Select the desired items.
 - [Link to Cluster Illumination Control]: Connection of the display to the cluster's illumination control switch.
 - [Daylight]: Use only to set the Daylight mode brightness level.
 - [Night]: Use only to set the Night mode brightness level.

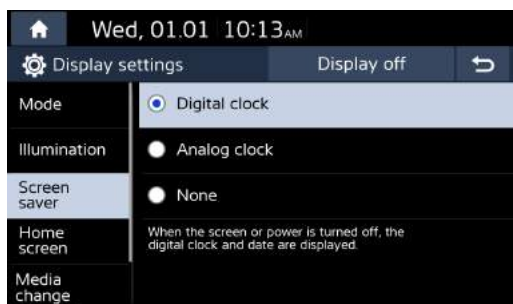
Note

Set the brightness of day and night mode, press [Link to Cluster Illumination Control] to uncheck them.

Screen Saver

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

1. Press [SETUP] > [Display] > [Screen Saver].



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

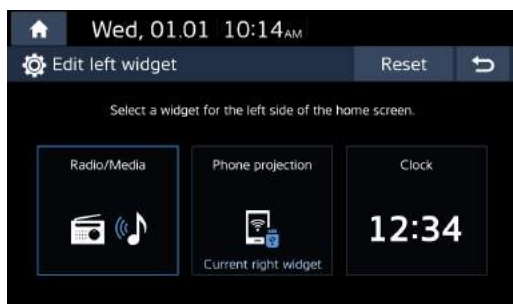
Home screen

This menu is used [Edit Home Widgets] or [Edit Home icons] to select home screen widgets and set the order of menu icons.

1. Press [SETUP] > [Display] > [Home screen].



2. Select the Widget or Home icons.



Note

Select the widget you want to set, and click the return button to display the corresponding widget in the menu interface.

You can replace the icon in the original box by holding down the icon in the screen and dragging it to the box below (The "All Menu" icons cannot be replaced).

Media Change Notifications

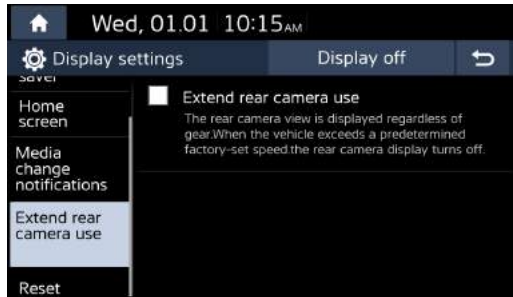
1. Press [SETUP] > [Display] > [Media Change notifications].



2. Select the desired items.
 - [Display Media Change notifications]: Non-media playback screen, media information will be displayed briefly when the playback content changes automatically.

Extend Rear Camera Use

1. Press [SETUP] > [Display] > [Extend rear camera use].

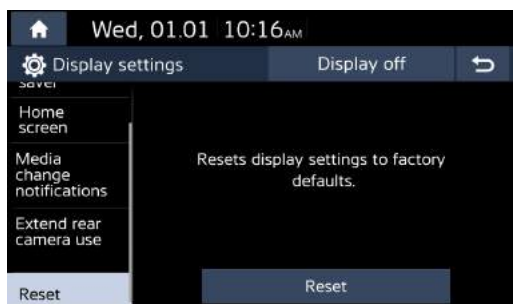


2. Select the desired items.
 - [Extend rear camera use]: The rear camera view is displayed regardless of gear. When the vehicle exceeds a predetermined factory-set speed, the rear camera display turns off.

Reset

Resets the display settings to factory default.

1. Press [SETUP] > [Display] > [Reset].



2. Press [Yes].

Others

Phone Projection

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 media 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 can be run while making a call via 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 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.

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] or [Apple CarPlay] from the Home screen.
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 connection] 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 infotainment System correspond to the screens and features provided by Google or Apple. They are subject to change 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 connection] menu.
- If Android Auto does not work normally even after a reconnection has been made, visit the Google website <http://support.google.com/androidauto>.
- Please refer to the following website to check the available countries for the [Android Auto].
<https://www.android.com/auto/>

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 iPhones 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/>
- Please refer to the following website to check the available countries for the [Apple CarPlay].
<http://www.apple.com/ios/feature-availability/>

Using Rear Camera (If Equipped)

About Rear Camera

- Rear camera is a feature for the customers who select option.
- The rear camera provides a view of the rear of the vehicle, when reversing.
- When the shift lever is placed in R with the vehicle's ignition turned on, rear camera will operate.
- If you change the shift lever location from R to another position than P, the rear camera stay turned on. But the rear screen will be remained until you enter the hard key or drive at a speed of 10 km/h or more. (Only if the option to keep rear camera view is supported.)
- On the rear camera screen, the guide line for parking is displayed, moving depending on the direction of the steering wheel.

Turning on the rear camera

When the vehicle is started, put the transmission lever to R position.



Note

The rear camera has a wide angle lens to provide a wide view, so the distance shown on the screen differs from the actual distance. For your safety, always check the rear, left and right views when reversing.

About DRV (Driving Rear View)

This function allows you to view the rear of the vehicle while driving through the rear camera mounted on the vehicle.

Operating DRV

After turning on the engine, put the lever of the transmission in the N or D position and press [Camera switch] to start DRV.

Note

If you drive at about 10 km/h or more during DRV operation, DRV is turned off. At this state, even if you drive at less than about 10 km/h, DRV is remained at OFF state.

About PDW (Parking Distance Warning) (If equipped)

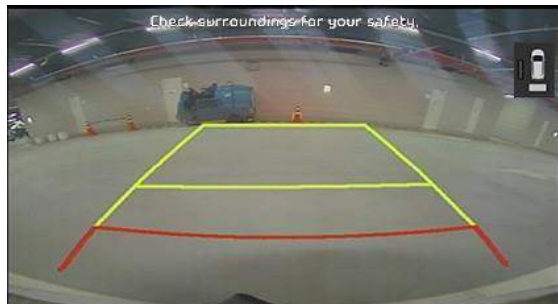
This function displays you a warning when an object is detected around the vehicle.



- To set brightness or contrast, touch the PDW area on the screen and press  when it is displayed. It goes to the brightness / contrast setting mode. You can set the brightness or contrast.
- If there is no control for a while, it goes back to the PDW mode automatically.

About Trailer View Mode (If equipped)

It shows you the view from each other camera.



- To switch the view to the other camera's, touch the camera view area on the screen and press [] when it is displayed. It is switched to the view from the other camera.
- If there is no control for a while, [] disappears from the screen automatically.

SVM (Surround View Monitor) (If equipped)

- SVM (Surround View Monitor) is an option that is provided to the customers who selected the option.
- Through the 4 cameras installed on the vehicle, it can view front, back, left and right side.
- While vehicle is started, if gear is put to R position, it automatically starts SVM (Surround View Monitor).
- If gear is changed from R to P position, SVM (Surround View Monitor) operation stops.

Reference

Precautions for Safety

	<table border="1"><tr><td>CAUTION</td></tr><tr><td>RISK OF ELECTRIC SHOCK DO NOT OPEN</td></tr></table>	CAUTION	RISK OF ELECTRIC SHOCK DO NOT OPEN	
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 become 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 splash ing 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.

WARNING:

- Don't use a mobile phone when you are driving. You must stop at a safe place to use a mobile phone.
- Do not disassemble, assemble, or modify the AV system. Such acts could result in accidents, fire, or electric shock.
- Using phone features while driving may distract drivers from paying attention to traffic conditions and result in traffic accidents. Use phone features only after the vehicle has been parked.
- Heed caution not to spill water or introduce foreign objects into the device. Such acts could lead to smoke, fire, or product malfunction.
- Please refrain from use if the screen is blank or no sound can be heard as these signs may indicate product malfunction. Continued use in such conditions could lead to accidents (fires, electric shock) or product malfunctions.
- Do not touch the antenna during thunder or lightening as such acts may lead to lightning induced electric shock.
- Do not stop or park in parking-restricted areas to operate the product. Such acts could lead to traffic accidents.
- The video screen will not operate when the vehicle is in motion. For your safety, first park the vehicle to watch or view the screen.
- Some Non-video features may also not operate when the vehicle is in motion. These features will operate only when the vehicle has been parked.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION:

- Do not keep the AV system running with the engine stopped. Doing so may discharge the vehicle battery. When you use the AV system, always keep the engine running.
- When the driver wants to operate AV system, first park the vehicle in a safe location and set the parking brake. Operating the system while driving can distract the driver and may result in a serious accident.
- 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.
- Do not use your phone in private mode when you are driving. You must stop at a safe location to use it.

General Information

About USB

- Take precautions regarding 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 in some states.
- USB devices formatted as FAT16/32, exFAT or NTFS are supported.
- Some USB devices may not be supported due to compatibility issues.
- Avoid contact between the USB connector and 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 media 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, mobile 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 other than 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.

Music file Information

- Sampling frequency: 8 ~ 48 KHz (MP3), 22.5 ~ 48 KHz (WMA), 8 ~ 48 KHz (FLAC), 8 ~ 48 KHz (OGG), 8 ~ 48 KHz (WAV)
- Bit rate: 8 ~ 320 Kbps (MP3), 20 ~ 128 Kbps (WMA), 8 Kbps ~ 4 Mbps (FLAC), 8 ~ 500 Kbps (OGG), 8ibt/16bit (WAV)
- WMA version: v2, v7, v8, v9
- PCM version: LPCM (A-law/u-law)
- MP3 version: MPEG 2/2.5 Layer 3
- Playable file format: “.mp3”/ “.wma”/ “.flac”, “.ogg”, “.wav”

Video file Information

- Video Resolution: 1280 x 720 pixel 30fps (MPEG-1), 704 x 576(4CIF) 25fps (H.263), 1280 x 720 30fps (H.264), 1280 x 720 pixels (other)
- Playable file format: “.avi”, “.mpg”, “.mpeg”, “.mp4”, “.mkv”
- Subtitle format: “.smi”, “.srt”
- Video Codec: “MPEG-1”, “MPEG-2 simple profile - main level”, “MPEG-2 main profile - low,main,high level”, “VC-1”, “H.263 profile 0, profile 3”, “Xvid”, “H.264/AVC baseline profile - L1, high - L4.1”
- Audio Codec: “MP3”, “WMA”, “AAC”
- If video and caption file names are different, caption may not be displayed.

Supported iPhone devices

- iPhone 13 mini, iPhone 13, iPhone 13 Pro, iPhone 13 Pro Max
- iPhone 12 mini, iPhone 12, iPhone 12 Pro, iPhone 12 Pro Max
- iPhone 11, iPhone 11 Pro, iPhone 11 Pro Max
- iPhone XR, iPhone XS, iPhone XS Max
- iPhone X
- iPhone 8, iPhone 8 Plus
- iPhone 7, iPhone 7 Plus
- iPhone 6, iPhone 6 Plus, iPhone 6s, iPhone 6s Plus
- iPhone SE
- iPhone 5, iPhone 5c, iPhone 5s

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 Motors dealer.

Problem: There are small red, blue, or green dots on the screen.

Possible Cause: Because the LCD is manufactured with technology requiring high point density, a pixel or lighting deficiency may occur within 0.01% of total pixels.

Problem: The sound or image is not working.

Possible Cause:

- Has the Switch for the vehicle been turned to [ACC] or [ON]?
- Has the SYSTEM been turned OFF?

Problem: The screen is being displayed but sound is not working.

Possible Cause:

- Has the volume been set to a low level?
- Has the volume been muted?

Problem: When the power is turned on, the corners of the screen are dark.

Possible Cause:

- The display appearing somewhat dark after prolonged periods of use is normal with LCD panels. It is not a malfunction.
- If the screen is very dark, contact your nearest dealer for assistance.

Problem: Sound is working from only one speaker.

Possible Cause: Are the positions of Fader or Balance sound controls adjusted to only one side?

Problem: When turning power on, the most recent mode screen is not displayed.

Possible Cause:

- Within modes that play files by reading external sources, such as discs, USB, or Bluetooth® streaming mode, the most recently played mode screen prior to turning off power may not properly load.
- If there is no disc or the corresponding device is not connected, the mode operated prior to the most recent mode will operate.
- If the previous mode still cannot be properly played, the mode operated prior to that will operate.

Troubleshooting

Problem: The power does not turn on.

- Possible Cause: The fuse is disconnected.
- Countermeasure:
 - Replace with a suitable fuse.
 - If the fuse is disconnected again, please contact your dealer.
- Possible Cause : Device is not properly connected.
- Countermeasure: Check to see that the device has been properly connected.

Problem: The system does not play.

- Possible Cause: The vehicle battery is low.
- Countermeasure: Charge the battery if the problem persists, contact your point of purchase or service center.

Problem: Sound does not work.

- Possible Cause: The volume level is set to the lowest level.
- Countermeasure: Adjust the volume level.
- Possible Cause: The connection is not proper.
- Countermeasure: Check to see that the device has been properly connected.
- Possible Cause: The device is currently fast-forwarding, rewinding, scanning, or playing in slow mode.
- Countermeasure: The sound will not work when the device is fast-forwarding, rewinding, scanning, or playing in slow mode.

Problem: The image colour/tone quality is low.

- Possible Cause : The brightness, saturation, and contrast levels are not set properly.
- Countermeasure: Properly adjust the brightness, saturation, and contrast levels through Display Setup.

Problem: The USB does not work.

- Possible Cause: USB memory is damaged.
- Countermeasure: Please use after formatting the USB into FAT16/32, exFAT or NTFS format.
- Possible Cause: USB memory has been contaminated.
- Countermeasure: Remove any foreign substances on the contact surface of the USB memory and media terminal.
- Possible Cause: A separately purchased USB HUB is being used.
- Countermeasure: Directly connect the USB memory with the media terminal on the vehicle.

• Possible Cause: A USB extension cable is being used. • Countermeasure: Directly connect the USB memory with the media terminal on the vehicle.
• Possible Cause: A USB which is not a Metal Cover Type USB Memory is being used. • Countermeasure: Use standard USB Memory.
• Possible Cause: An HDD type, CF, SD Memory is being used. • Countermeasure: Use standard USB Memory.
• Possible Cause: There are no music files which can be played. • Countermeasure: Only MP3, WMA, OGG, FLAC and WAV file formats are supported. Please use only the supported music file formats.

Trademarks and Licenses

Bluetooth® Wireless Technology



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Specification

AV product specification

Common	Operating Temper	-20 °C ~ +65 °C
	Storage Temperature	-30 °C ~ +75 °C
Bluetooth	Supported Profile	HFP 1.6, A2DP 1.2, AVRCP 1.5, PBAP 1.1
	Supported Bluetooth Specification	5.0
	Frequency Range	2402 MHz ~ 2480 MHz
	Output (Class2)	Maximum 4.0 dBm
	Number of Channels	79
Radio	AM	
	Tuning Range	530 kHz~1710 kHz
	Sensitivity	35 dBuV
	Signal-to-noise ratio	Minimum 45 dB
	FM	
	Tuning Range	87.5 MHz~107.9 MHz
	Sensitivity	12 dBuV
	Frequency response	30 Hz ~ 10000 Hz
	Signal-to-noise ratio	Minimum 45 dB

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

Open Source Software Notice

This product contains the open source software detailed below. Please refer to the indicated open source licenses (as are included following this notice) for the terms and conditions of their use.

Open Source	License	Copyright
acl 2.2.52	GPL-2.0 LGPL-2.1	Copyright (C) 1999, 2000 Andreas Gruenbacher, <a.gruenbacher@bestbits.at>
alsa-lib 1.1.2	LGPL-2.1	
alsa-plugins 1.1.0	GPL-2.0 LGPL-2.1	Copyright (C) 2006 Nokia Corporation Copyright (c) 2006 by Takashi Iwai <tiwai@suse.de> Copyright (c) 2009 by Peter Stokes <linux@dadeos.co.uk>
alsa-tools 1.1.3	GPL-2.0	Copyright (C) 2003, Thomas Charbonnel Copyright (c) 2003-2004, Peter Zubaj Copyright (c) 2003, Karsten Wiese Copyright (c) 2004-2007, Rui Nuno Capela
alsa-utils 1.0.29	GPL-2.0	
android-external-f2fs-tools 8.0	LGPL-2.1	
ATK 2.22.0	LGPL-2.1	
attr 2.4.47	GPL-2.0	
AudioManager 6.1	MPL-2.0	Copyright (C) 2012, GENIVI Alliance, Inc. Copyright (C) 2012, BMW AG
base-files 3.0.14	GPL-2.0	
base-passwd 3.5.29	GPL-2.0	
bash 3.2.48	GPL-2.0	Copyright (c) 2007, 2009, 2011, 2014 Free Software Foundation, Inc.
bash-completion 2.4	GPL-2.0	Copyright (c) David Paleino (Debian) Copyright (c) Freddy Vulto Copyright (c) Guillaume Rousse (Mandriva) Copyright (c) Igor Murzov Copyright (c) Mike Kelly (Exherbo) Copyright (c) Santiago M. Mola (Exherbo) Copyright (c) Ville Skyttä (Fedora/Red Hat)

beecrypt 4.2.1	LGPL-2.1	Copyright (c) 2004 X-Way Rights BV Copyright (c) 2004 Beeyond Software Holding BV Copyright (c) 2009 Bob Deblrier
bluez 5.43	GPL-2.0 LGPL-2.1	Copyright (c) 2000-2001, Qualcomm Incorporated Copyright (c) 2002-2003, Maxim Krasnyansky <maxk@qualcomm.com> Copyright (c) 2002-2010, Marcel Holtmann <marcel@holtmann.org>
BusyBox 1.23.2	GPL-2.0	
ca-certificates 20161130	GPL-2.0 MPL-2.0	Copyright (c) 2003 Fumitoshi UKAI <ukai@debian.or.jp> Copyright (c) 2009 Philipp Kern <pkern@debian.org> Copyright (c) 2011 Michael Shuler <michael@pbandjelly.org> Copyright (c) Various Debian Contributors Copyright (c) 1994-2000, Netscape Communications Corporation
cairo 1.15.6	MPL-1.1	Copyright (c) 2006 Keith Packard Copyright (c) 2007 Adrian Johnson
Check 0.10.0	LGPL-2.1	Copyright (C) 2001, 2002 Arien Malec
Cinematic Experience 1.0	CC-BY- SA-3.0	-
cmph 2.0	MPL-1.1	
Common API C++ dbus runtime 3.1.12	MPL-2.0	Copyright (c) 2013-2015, Bayerische Motoren Werke Aktiengesellschaft (BMW AG)
CommonAPI runtime 3.1.12	MPL-2.0	Copyright (c) 2013-2015 Bayerische Motoren Werke Aktiengesellschaft (BMW AG)
connman 1.29	GPL-2.0	Copyright (c) 2007-2012 Intel Corporation.
coreutils 6.9	GPL-2.0	
cracklib 2.9.5	LGPL-2.1	Copyright (c) 1993 Alec Muffett <alecm@crypto.dircon.co.uk> Original CrackLib author for releases up to v2.7 Copyright (c) Nathan Neulinger <nneul@neulinger.org> version 3.0 modifications and new release
dlt-daemon 2.16.0	MPL-2.0	Copyright (C) 2011-2015, BMW AG
dosfstools 2.11	GPL-2.0	(c) 2004-2015 Canonical Ltd
e2fsprogs 1.43.4	GPL-2.0 LGPL-2.1	Copyright 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010 by Theodore Ts'o
elfutils 0.170	GPL-2.0	Copyright (c) 1996-2015 Red Hat, Inc. Copyright (c) 2012 Tilera Corporation

evtest	GPL-2.0	
faad2 2.7	GPL-2.0	Copyright (c) 2003-2005 M. Bakker, Nero AG, http://www.nero.com
flac 1.3.1	GPL-2.0 LGPL-2.1	Copyright (C) 2002-2009 Josh Coalson Copyright (C) 2011-2013 Xiph.Org Foundation Copyright (C) 2001 Edmund Grimley Evans <edmund@rano.org> Copyright (C) 2003 Philip Jägenstedt Copyright (C) 2001 David Robinson and Glen Sawyer Copyright (C) 1998-2000 Peter Alm, Mikael Alm, Olle Hallnas, Thomas Nilsson and 4Front Technologies
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gdbm 1.8.3	GPL-2.0	Copyright (C) 1990, 1991, 1993 Free Software Foundation, Inc.
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GLib 2.44.1	LGPL-2.1	Copyright (c) 2007-2011 The GNOME Project Copyright (c) 1995-1997 Peter Mattis, Spencer Kimball and Josh MacDonald

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glibc 2.25	GPL-2.0 LGPL-2.1	Copyright (C) 1989-2013 Free Software Foundation, Inc.
gmp 6.1.2	GPL-2.0	Copyright (c) 1991-2016, Free Software Foundation, Inc.
GnuTLS 3.3.17	LGPL-2.1	Copyright 2010-2012, Free Software Foundation, Inc.
gst-libav 1.8.3	LGPL-2.1	Copyright (c) 2008 Michael Niedermayer Copyright (c) 2009 Robert Swain (rob opendot cl) Copyright (c) 2002 Jindrich Makovicka Copyright (c) 2011 Stefano Sabatini

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Less

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bzip2-1.0.6

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Julian Seward, jseward@bzip.org bzip2/libbzip2 version 1.0.6 of 6 September 2010

curl

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