

User Manual

SDA-L3000S

*USB/iPod/Bluetooth Player with
AM/FM Radio*



USB/Bluetooth/iPod Player with AM/FM Radio

SDA-L3000S / User Manual

Please read this manual carefully before operating your set and retain it for future reference. Designs and specifications are subject to change without prior notice.

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.

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.

Modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with RF exposure requirement.

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Safety Information

Read and follow all safety instructions in this manual to operate the device safely and appropriately. Malfunctions or defects caused by the user are not covered by the warranty.

Safety symbols

Warning

Indicates a potentially hazardous situation that, if not avoided, could result in injury or death.

Caution

Indicates a potentially hazardous situation that, if not avoided, could result in minor injury or property damage.

Note

Indicates items that help you understand and maximize the performance of the system.

The distance between this device and nearby persons should be maintained at 20 cm.

Safety warnings

Warning

- Do not use the unit if there are audio or screen problems. Operating the unit in an abnormal state may cause electric shock, injury, or fire.
- Do not disassemble or modify the unit. Incorrect procedures can cause electric shock, injury, fire, and equipment malfunction.
- Do not use the unit at high volume while driving. Listening at high volume can reduce your ability to hear external sounds and may cause an accident.
- Do not block the vent. Restricting airflow traps heat inside the unit and may cause malfunction or fire.
- Do not adjust the unit while driving. Entering information or adjusting the controls on the unit can distract your attention while driving and may cause an accident. Stop your vehicle in a safe location before adjusting the unit.
- Do not use your phone in private mode while you are driving. You must stop at a safe location before using the phone in private mode.

Safety Information

Safety cautions

Caution

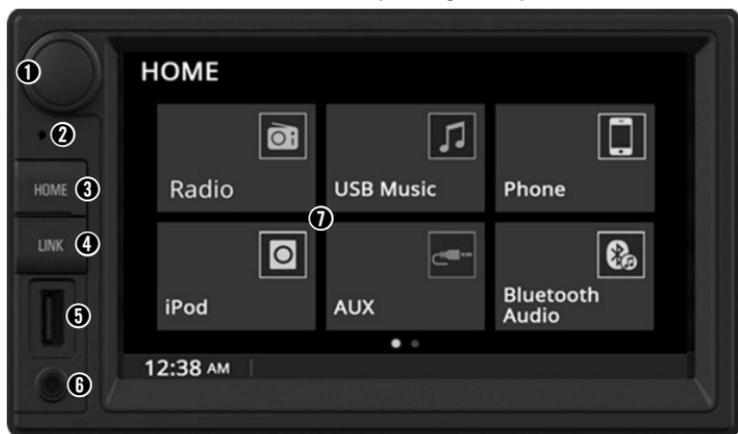
- Some countries have laws restricting the use of video screens while driving. Use the unit only where it is legal to do so.
- Do not operate the unit for a long period while the engine is not operating. This may cause the battery to discharge.
- The recommended operating temperature range for the unit is from -20°C to 65°C. Operating the unit outside the recommended range can cause malfunction.
- Do not use unauthorized accessories. Unauthorized accessories may cause the unit to malfunction. Use authorized accessories only.
- Do not allow the unit to come in contact with moisture. Moisture can damage the unit and cause malfunction.
- When cleaning the screen, turn off the unit and use a soft dry cloth. Do not use abrasive cleaning products. Abrasive products can damage the screen or affect color and image quality.
- Do not apply excessive force to the unit's screen. Doing so may damage the screen.
- Do not use sharp objects to operate the screen. Using a sharp object may cause damage or malfunction.

Getting started

Control buttons, functions and device connections

This unit can be controlled by using the buttons on the unit or the controls on the steering wheel. It also provides connections for media devices. This section explains the buttons and functions that are available on the unit and the steering wheel and provides information about connecting media devices.

► Control unit buttons and functions (A/V system)



- 1 POWER button / VOLUME dial**
 - Press and hold to switch to standby mode. In standby mode, press and hold to switch to the mode you used previously.
 - Press to turn the mute function on or off.
 - Rotate the dial to adjust the volume.
- 2 Microphone**
 - Detects voice during phone conversations.
- 3 HOME button**
 - Press to display the Home menu screen.

- 4 LINK button**
 - Press to switch to Smart LINK mode (Apple CarPlay, Android Auto or Car Link).
- 5 USB port**
 - Connect USB device, iPod or iPhone.
- 6 AUX port**
 - Connect other external devices.
- 7 Touch screen display**

Note

- Apple CarPlay, Android Auto or Car Link may not be supported depending on your vehicle's options and which region the unit is being used in.

Getting started

Basic operation

This section explains basic operations such as switching to standby mode, adjusting the volume, quickly muting the sound, and using the touch screen.

▶ Turning on the unit

- 1 Place the ignition switch in the **ACC** or **IGN (ON)** position.

The unit will turn on and the following screen will appear.



- 2 Tap **Agree** to start the system.



Note

- You can also change the language by referring to "Selecting the language" on page 42.
- The unit also turns on automatically when a device is connected to the USB.

▶ Switching the unit to standby mode

To switch the unit to standby mode while using the unit's functions, press and hold the **POWER** button.



Once the unit's system starts, the clock screen appears, which means that the unit is in standby mode.

To start using the unit's functions, press and hold **POWER** button.

▶ Adjusting the volume

Rotate the **VOLUME** dial to increase or decrease the volume. When the volume is adjusted, the volume level bar will appear as shown below.



▶ Muting the sound quickly

Press the **POWER** button to activate the mute function. When the mute function is activated, the mute icon (🔇) will appear next to the volume control bar.



To deactivate the mute function, rotate the **VOLUME** dial on the unit, or press the

Getting started

MUTE or **VOL +/-** buttons on the steering wheel.

► Using the touch screen

Touch gestures for built-in applications

Tapping



Open an application, select a menu item, or activate an on-screen button.

Tapping and holding



Tap and hold the preset station shortcut to store the current station. You can also quickly change a value by tapping and holding + or - when setting the time and date.

Dragging



Rewind or fast-forward a track. Drag the progress bar to the target position to rewind or fast-forward a track.

Touch gestures for Apple CarPlay and Android Auto (optional)

Tapping



Open an application, select a menu item, or activate an on-screen button.

Tapping and holding



To rewind or fast-forward in a track, tap and hold **⏮** or **⏭**.

Dragging



Rewind or fast-forward a track. Drag the progress bar to the target position to rewind or fast-forward a track.

Double-tapping



Double-tap on a page or an image to zoom in. Double-tap again to return to the previous view.

Swiping



Swipe left, right, upwards or downwards on the screen to scroll through pages or a list of items.

Note

Touch gesture for Apple CarPlay and Android Auto such as double-tapping, spreading, pinching, and swiping are not available with the built-in applications.

Getting started

► Using the rearview camera screen

If equipped, a rearview camera will display the area behind the vehicle on the screen when power is turned on and the reverse gear is selected.



The rearview camera display is not a substitute for proper and safe driving procedures. Always drive safely and use caution when backing up. The rearview camera display may not detect all objects behind the vehicle.

⚠ Caution

- The rearview camera's purpose is to prevent accidents or injuries. Do not use this function for entertainment purpose.
- Objects in the rearview camera's images may be closer or more distant than they actually appear.

Note

The edges of images may differ slightly depending on whether full-screen images are displayed when reversing.

Using the ChevyStar

This section explains each menu on the ChevyStar screen.

To open the ChevyStar screen, press the **ChevyStar** button on the unit.

The following screen will be displayed. Select the desired menu from this screen.



Select the desired menu from this screen.

Audio and Video System

HOME menu screen

This section explains each menu on the Home screen.

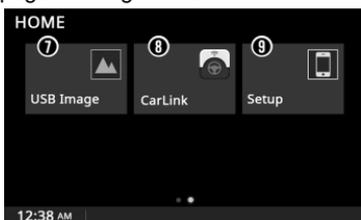
To open the Home menu screen, press the **HOME** button on the unit. The following screen will be displayed. Select the desired menu from this screen.

<1 page>



- 1 **Radio:** Enter the Radio screen.
- 2 **USB Music:** Plays music from an external USB device.
- 3 **Phone:** Shows images stored on an external USB device.
- 4 **iPod:** Plays music from an iPod connected to the unit.
- 5 **AUX:** Plays an external device's output audio signal on the unit.
- 6 **Bluetooth Audio:** Plays audio from a Bluetooth-enabled device paired with the unit.

<2 page:Flick right to left>



- 7 **USB Image:** Shows images stored on an external USB device.
- 8 **CarLink:** Provides directions, makes calls and plays music from an Android

phone connected to the unit (optional).

- 9 **Setup:** Enter the Setup menu screen.

Note

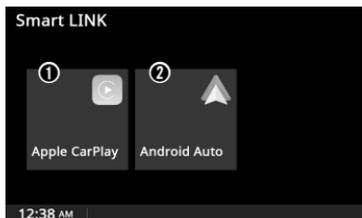
CarLink may not be supported depending on your vehicle's options and which region the unit is being used in.

Smart LINK menu screen

This section explains each menu on the Smart LINK screen.

To open the Smart LINK menu screen, press the **LINK** button on the unit.

The following screen will be displayed. Select the desired menu from this screen.



- 1 **Apple CarPlay:** Provides directions, makes calls, send and receive messages, and, plays music from an iPhone connected to the unit (optional).
- 2 **Android Auto:** Provides directions, makes calls and plays music from an Android phone connected to the unit (optional).

Radio

This section explains how to use radio and access various radio frequencies (FM1, FM2, and AM). Also, it covers automatically or manually locating and storing your favorite radio stations.

► FM/AM radio screen

To turn on the radio, press the **HOME** button, and tap **Radio** on the HOME screen. The FM/AM radio screen appears.



- 1 Frequency band: Displays the current radio frequency band.
- 2 **Stereo**: Indicates when FM stereo reception is available.
- 3 **◀▶**: Tap to fine-tune above and below the current frequency.
Tap and hold either button to quickly adjust the frequency in that direction, then release to automatically search for radio stations.
- 4 Radio frequency: Displays the current station's radio frequency.
- 5 Category name (optional): Displays the category of the current station (The category name may not be displayed depending on radio stations).
- 6 **Band**: Changes the radio band..
- 7 **Auto Store**: Stores the strongest radio stations to preset list automatically.
- 7 Radio station name (optional): Displays the name of the current radio station. (The station name may not be displayed depending on radio stations.)

- 8 Preset station shortcuts: Tap to recall the indicated frequency. Tap and hold one of the shortcuts to store the current station.

► Listening to radio stations

Changing the frequency band

Tap **Band** to change the frequency band to FM1, FM2, or AM. The current frequency band is displayed at the top left corner of the screen.

Searching for a radio station manually

Tap **◀▶** to manually fine-tune in a desired frequency.

Searching for a radio station automatically

Tap and hold **◀▶** to quickly adjust the frequency, then release to automatically search for radio stations.

Selecting a preset radio station

To recall a preset station on the radio screen, tap the desired preset station shortcut.

► Storing radio stations manually

Up to six preset radio stations can be stored for each frequency band (FM1, FM2, and AM). Follow the instructions below to manually store radio stations.

- 1 Tap **Band** to change to the desired frequency band.
- 2 Tap and hold **◀** or **▶** to automatically search for the station you want to store.
Tap **◀** or **▶** to manually search for the station you want to store.
- 3 Tap and hold a Preset station shortcut to save the current radio station.

Audio and Video System

Note

The selected radio station is stored to the preset number. If a new station is stored using an existing preset number, the previously stored station will be deleted and the new station will be stored.

► Storing radio stations automatically

- 1 Tap **Band** to change to the desired frequency band.
- 2 Tap **Auto Store**.

The stations with the strongest signals are automatically stored in the list.

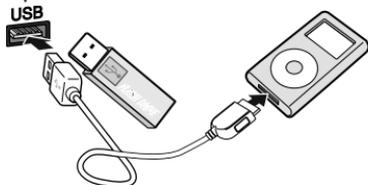
USB or iPod music player

This section explains how to use the USB or iPod music player.

You can play MP3, WMA, WAV, and OGG files that are stored on a USB device, and any music files that are stored on an iPod.

► Connecting a USB device or iPod to the iPod/USB port

Connect a USB device or iPod to the iPod/USB port as shown below.



Music, video, or image playback will start automatically after the data on the USB device or iPod is recognized.

Note

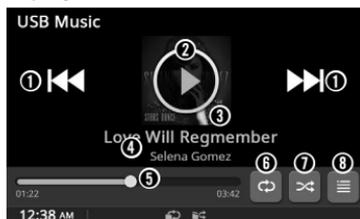
If a USB device with no music, video, or image files is connected, the USB music, video and image players cannot be opened.

► USB or iPod music player screen

To open the USB or iPod music player screen:

- 1 Press the **HOME** button on the unit to display the Home menu screen.
- 2 Tap **USB Music** to open the USB music player or **iPod** to open the iPod music player.

The music player screen will be displayed.



- 1 **⏮ ⏭**: Tap to skip to the previous or next file.
- 2 **Album Art**: Displays the current album art.
- 3 **⏸**: Tap to pause or resume playback.
- 4 **Song Information**: Displays the album, artist, song title, and file name.
- 5 **Progress Bar** with time information: Displays the progress bar for the current song. Drag the progress bar to the target position to rewind or fast-forward a track.
- 6 **Repeat Mode**: Tap to change the repeat mode.
 - **🔄**: Repeats the current file.
 - **🔄**: Plays and then repeats all files in the current folder (USB only).
 - **🔄**: Plays and then repeats all files on a device.
- 7 **Shuffle**: Tap to activate and select the random playback modes.
 - **🔀**: Plays all files in the playlist in

Audio and Video System

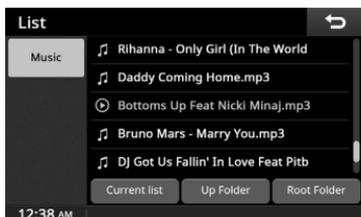
a random order.

-  : Plays all files in the current folder in the playlist in a random order.

⑧ : Tap to open the file list.

▶ Selecting a file from a list

1 From the music player screen, tap



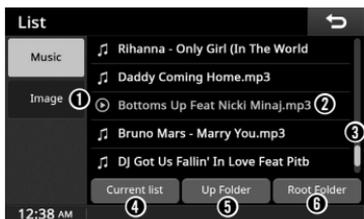
For iPods:

When an iPod is connected, the following category list will be displayed.



For USB devices:

When a USB device is connected, the following file list will be displayed.



① **Music/Image:** Indicates the media

type that is available.

② **File list:** Displays the files in the current folder. The currently playing file is indicated by .

③ Tap to navigate the files in the playlist.

④ **Current list:** Tap to return to the current playlist.

⑤ **Up Folder:** Tap to move to the parent folder.

⑥ **Root Folder:** Tap to move to the root folder.

2 For the USB music player, select the desired file to start playback.

For the iPod music player, select the desired category and the file.

Caution

- When using a USB device or iPod, make sure to disconnect the device when it is not in use. Do not connect the device until after you have started the vehicle. The device may be damaged if the device is already connected when the ignition is turned on.
- Do not allow the USB connector to come into contact with body parts or foreign substances.
- Repeatedly connecting or disconnecting a USB device over a short period may cause damage to the device.
- Abruptly disconnecting a USB device while it is in use may cause the device to be damaged or to function abnormally. Make sure to disconnect the USB device only when the unit is operating in a different mode.
- Do not use the USB I/F to charge batteries or USB accessories that generate heat. Doing so may reduce performance or damage the device.
- In some cases, iPods may be damaged if the ignition is turned off while it is connected to the unit. When the iPod is not being used, disconnect it before turning the ignition off.

Note

- Some USB devices may not operate properly due to compatibility issues. Check that the device is supported before using it.
- The unit will only recognize USB devices formatted in FAT16 or FAT32 (NTFS format is not supported). When you format a USB device, the unit may not recognize a byte/sector selection other than 512 bytes or 2,048 bytes.
- The amount of time required to recognize a USB device may differ depending on the type, size, or file formats stored on the USB device. Such time differences are not the result of any malfunction. Please wait while the unit attempts to recognize the device.
- The unit supports only USB devices designed to play music and video files and images.
- When disconnecting a USB device, an abnormal sound may occur.
- The unit may not recognize the USB device if separately purchased USB hubs and extension cables are used.
- If high capacity USB devices are used, there may be situations that require the logical drive to be partitioned for user convenience. In these situations, it will only be possible to play music on a USB device from the top level of the drive. When using partitioned drives, save songs to play on the device only in the top level of the logical drive. Also, certain USB devices are configured with a separate drive for installing application programs, playing music files from a separate drive may not be possible for the reasons described above.

- The unit may not operate properly when accessing files from HDD, CF, or SD memory.
- The unit will not support locked DRM (Digital Rights Management) files.
- iPod is a registered trademark of the Apple Corporation in the United States and other countries.
- The unit supports iPod Nano, iPod Touch, and iPhone models. Other devices are not supported.
- Some iPod and iPhone models may not be supported or provide compatible connection.
- Only connect the iPod and the unit using approved iPod cables. Other connection cables cannot be used.
- The playback functions and the displayed items on iPods may differ when they are connected to the unit. This can affect play order, method, and information displays on the iPod.

USB image player

This section explains how to use the USB image player.

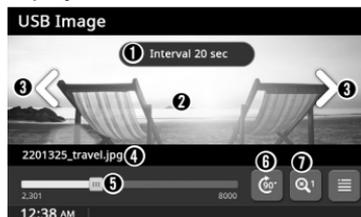
You can view JPG, BMP, and PNG files that are stored on a USB device.

► USB image player screen

To open the USB image player screen:

- 1 Connect a USB device to the iPod/USB port.
- 2 Press the **HOME** button on the unit to display the Home menu screen.
- 3 Tap **USB Image** to open the USB image player.

The USB image player screen will be displayed.

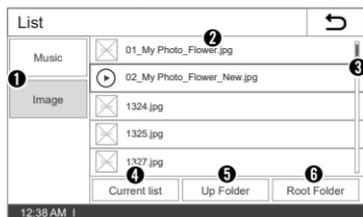


- 1 Slideshow interval: Tap to select the time interval between slides.
- 2 Full screen playback: Tap the playback area on the screen to display playback on a full screen and hide the control panel. To unhide the control panel, tap the playback area again.
- 3 </>: Tap to skip to the previous or next file.
- 4 File name: Displays the name of the current file.
- 5 Progress bar with file indication: Displays the progress bar for the current file indication. Drag the progress bar to the target position to search a file with previous mode.

- 6 : Tap to rotate the image in a clockwise direction.
- 7 : Tap to zoom in (1x, 3x, 5x) on the picture.
- 8 : Tap to open the file list.

▶ Selecting a file from a list

- 1 From the image player screen, tap . The following file list will be displayed.



- 1 **Music/Image:** Indicates the USB media type that is available.
 - 2 **File list:** Displays the files in the current folder. The currently playing file is indicated by .
 - 3 Tap to navigate the files in the playlist.
 - 4 **Current List:** Tap to return to the current playlist.
 - 5 **Up Folder:** Tap to move to the parent folder.
 - 6 **Root Folder:** Tap to move to the root folder.
- 2 Select the desired file to start playback.

AUX player

This section explains how to use the AUX player.

External audio devices can be connected to the AUX port (stereo mini jack).

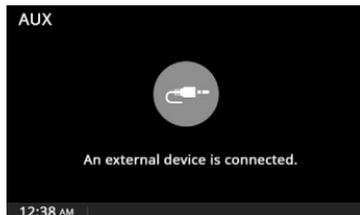
When a device is connected to the AUX port and the source is selected, you can listen to the device's audio through your car speakers. The volume level can be adjusted to allow for differences between the unit and the device.

▶ Connecting an external audio device to the AUX port

- 1 Turn off the external audio device.
- 2 Connect the audio output of the external device to the AUX port.

▶ Using the AUX player

- 1 Make sure the volume is adjusted properly both for the unit and for the connected device before starting playback.
- 2 Press the **HOME** button on the unit to display Home.
- 3 Tap **AUX** to open the AUX audio screen.



- 4 Start playback at the external device.
- 5 Set the desired volume at the unit and the external device.

Bluetooth audio player

This section explains how to use the Bluetooth audio player.

This unit supports the A2DP (Advanced Audio Distribution Profile). If your Bluetooth mobile phone or music player supports this profile, then music can be played through this unit and the car's speakers.

Also, this unit supports the AVRCP (Audio Video Remote Control Profile). If your Bluetooth mobile phone or music player supports this profile, then it is possible to advance to the next track or replay previous tracks by using the buttons on the unit or the steering wheel (if fitted).

► Pairing and connecting with a Bluetooth device

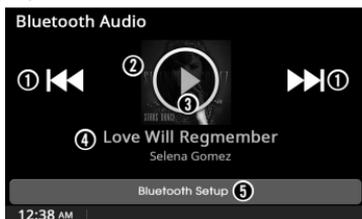
For information on how to pair and connect the unit with a Bluetooth device, refer to "Connecting a Bluetooth device" on page 20.

► Bluetooth audio player screen

To open the Bluetooth audio player screen:

Press the **HOME** button to display the Home menu screen, and tap **Bluetooth Audio**.

The Bluetooth audio player screen will be displayed.



- ❶ **⏮⏭**: Tap to skip to the previous or next file.
- ❷ **Album Art**: Displays the current album art. In A2DP, the unit does not support

album art display.

- ❸ **⏸**: Tap to pause or resume playback.
- ❹ **Song information**: Displays the album, artist, and song details.
- ❺ **Bluetooth Setup**: Tap to open the Bluetooth settings screen.

Bluetooth Connectivity

About the Bluetooth feature

The Bluetooth feature enables you to wirelessly connect two devices that are near to each other. You can connect your unit and a wide variety of Bluetooth-enabled devices.

Note

- In some locations, there may be restrictions when using Bluetooth connections.
- Depending on the type and specifications of the Bluetooth device, your unit may respond differently when connected.
- Some devices, especially those that are not tested or approved by the Bluetooth SIG, may be incompatible with your unit.

► Pairing devices

Pairing is a process that enables mutual registration between two devices. The paired devices share and record the other's Bluetooth information.

When two devices are paired for the first time, you must enter a Bluetooth passkey. Once the devices are paired and an initial connection is established, the devices will recognize and automatically connect to each other each time they are in range.

Note

- Depending on the devices, you may need to enter a passkey each time they connect.
- Depending on the devices, the passkey may be referred to as "passcode", "PIN code", or "password".

► Connecting devices

After the devices are paired, subsequent Bluetooth connections for previously paired devices start automatically. You can connect to any of the devices on the paired device list. Once you are connected, you can access various Bluetooth functions, such as hands-free calling or playing music, depending on the device's specifications.

► Using the hands-free feature and listening to music

Once a Bluetooth connection is made, you can make or answer calls using hands-free features and listen to music from a Bluetooth-connected device.

For more information on how to use call functions using Bluetooth, refer to "Phone functions" on page 22. For more information on how to play music using Bluetooth, refer to "Bluetooth audio player" on page 18.

Note

Some Bluetooth devices may not support all available functions.

Bluetooth connection

Connect your unit with other Bluetooth-enabled devices, such as smartphones and music players.

Before establishing a connection, ensure that the other device is ready to connect using the Bluetooth feature. The Bluetooth feature and the visibility option should be activated on the device so that it can be detected by other devices.

Bluetooth Connectivity

► Connecting a Bluetooth device

To search for and connect a Bluetooth-enabled device from the unit:

- 1 Tap **PHONE** on the Home menu screen to open the phone screen.
- 2 Tap **Yes**. If the pop-up message does not appear, tap **BT setup > Pairing**.



- 3 Tap **Search On Car**.



- 4 From the list of detected devices, tap the name of the device, and tap **Connect**.



- 5 On the device that you are connecting to, confirm the pairing and data access request from the unit.
- 6 If a passkey is required at the

Bluetooth device, enter the passkey displayed on the Bluetooth device and tap **OK**.

To search for and connect to the unit from a Bluetooth device:

- 1 Tap **PHONE** on the Home menu screen to open the phone screen.
- 2 Tap **Yes**. If the pop-up message does not appear, tap **BT setup > Pairing**.
- 3 Tap **Search On Device**. The unit can be detected as "Chevrolet" by other devices for two minutes.



- 4 Within two minutes, pair and connect the Bluetooth device by following the device's specific procedures.
- 5 If the Bluetooth device requests a passkey, enter the default passkey for the unit, "0000".

Note

To change the unit's passkey, go to the phone screen, tap **BT setup > Change Passkey**.

When the devices are paired and connected, the name of the Bluetooth device appears on the screen showing "Bluetooth device connected" as its status and . The Bluetooth device is added to the unit's paired device list and is ready to be used with the unit.

Bluetooth Connectivity



Note

- The unit can pair with up to five Bluetooth devices. Device information is stored in the unit's memory and device pairing will not be required for subsequent connections unless the devices are deleted from the paired device list.
- For hands-free operation, only one mobile device can be connected to the unit at a time.
- Bluetooth connections between your unit and mobile devices are normally established using the Hands Free Profile (HFP). However, some mobile devices may only allow a connection using the Head Set Profile (HSP). In HSP, some functions may not be available.

► Disconnecting a Bluetooth device

- 1 Tap **PHONE** on the Home menu screen to open the phone screen.
- 2 Tap **BT setup > Pairing**.
A list of paired devices will be displayed and the currently connected device will be highlighted.

3 Tap **Disconnect > Yes**.

The connection between the unit and device ends and the search and connect buttons on the screen are activated.

Note

To search for and pair with other devices or connect the unit with another paired device, you must disconnect the currently connected device.

► Deleting Bluetooth devices

- 1 Tap **PHONE** on the Home menu screen to open the phone screen.
- 2 Tap **BT setup > Pairing**.
- 3 Select a device, and then tap **Delete > Yes**.

The device will be deleted from the list and the data and information related to the device will be also deleted.

Bluetooth Connectivity

Phone functions

After connecting the unit to a smartphone, you can use various call functions that are available on the connected smartphone from the unit.

► Phone screen

Tap **PHONE** on the Home menu screen to open the Phone screen.



- 1 Phone name: View the name of the currently connected smartphone.
- 2 Keypad: Tap to enter a phone number. Tap and hold "0" to enter the international prefix.
- 3 Send: Tap to make a call. When there is no entered number, the call history list opens.
- 4 Contacts: Tap to open the phone's contact list.
- 5 BT setup: Tap to open the Bluetooth settings screen.

► Accepting a call

When a call is received at the unit, the Incoming Call screen will appear.

- 1 Tap **Accept** on the screen to accept the call.



To reject the call, tap **Reject** on the screen.

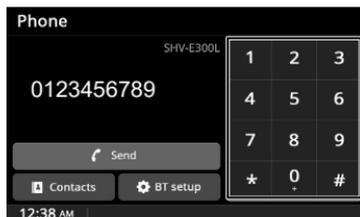
- 2 Talk with the other party through the speaker and the unit's built-in microphone.
- 3 Tap **End** on the screen to end the call.



► Making a call

Using the keypad

- 1 From the phone screen, tap the buttons on the keypad to enter a phone number.

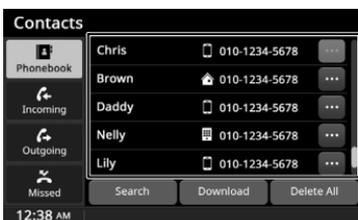


- 2 Tap **Send** on the screen to make a call.

Bluetooth Connectivity

Using the phone book

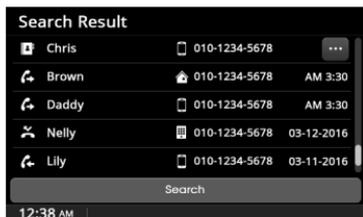
- 1 From the Phone screen, tap **Contacts** to open the Contacts menu screen.
- 2 Tap **Phonebook > Download** to import the phone book from the smartphone.
- 3 Select a record from the phone book list.



To search for a phone book record by name, tap **Search**.



To enter the character for searching, and tap **Search**.



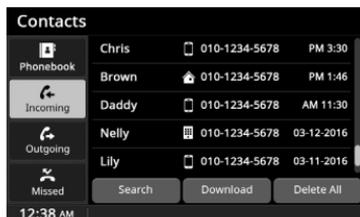
- 4 Tap **Call** to call the phone number from the selected record.

To make a call to another phone

number for the selected phone book record, tap **...**, select the desired number, and then tap **Call**.

Using the call history

- 1 From the phone screen, tap **Contacts**.
The Contacts menu screen will be displayed.
- 2 Tap **Download** to import the call history from the smartphone.
- 3 Select a record from the call history list.



To select the call history type, tap **Outgoing**, **Incoming** or **Missed**.

- 4 Tap **Call** to call the phone number from the selected record.

Using options during a call

To adjust the volume during a call, rotate the **VOL** dial.

To switch the call to the smartphone for a private conversation, tap **Private**. To switch the call back to the unit, tap **Handsfree**.

Warning

Do not use the phone in private mode when you are driving. Stop driving and park in a safe location before using private mode.

Bluetooth Connectivity

► Managing the call history and the phone book

You can import call history and phone book data from the smartphone to use various call functions and delete obsolete items from the unit.

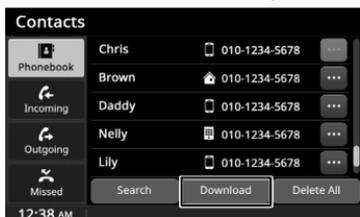
Importing call history and phone book records

The latest call history and phone book records on the smartphone can be synchronized with the unit. Import the records to the unit when you connect the unit to a smartphone for the first time or whenever there are any changes to the smartphone's call history or phone book records.

1 From the phone screen, tap **Contacts** to open the phone book.

2 Tap **Download**.

The records will be updated with the latest data from the smartphone.



Deleting call history and phone book records

To delete a call history record:

1 From the Contacts screen, tap **Incoming**, **Outgoing** or **Missed** to open the call history.

2 Select an record and tap **Delete > Yes**.



Note

Deleting records from the unit's call history or phone book does not affect the data stored in the phone.

Bluetooth settings

Customize the default settings for the phone and the Bluetooth feature.

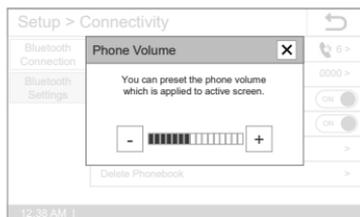
1 Tap **BT setup** on the Phone screen to open the Connectivity Setting screen.

2 Tap **Bluetooth Settings** to open the Bluetooth Setting screen.

► Setting the phone volume

1 From the Bluetooth Setting screen, tap **BT setup > Phone Volume**.

2 Tap **-** or **+** to adjust the phone volume.

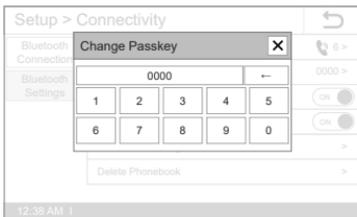


3 To confirm your selection, and return to the previous screen, tap **☒ > ↶**.

Bluetooth Connectivity

► Changing the Bluetooth passkey

- 1 From the Bluetooth Setting screen, tap **Change Passkey**.
The current passkey will be displayed on the top of the keypad.
- 2 Tap ← to delete each digit in the current passkey.



- 3 When all of the old passkey digits are deleted, enter the new passkey using the keypad.
- 4 To confirm your selection, and return to the previous screen, tap [X] > ↩.

► Setting auto connection mode

- 1 From the Bluetooth Setting screen, tap **BT Auto Connection**.
- 2 Tap **On** to activate auto connection or **Off** to deactivate it.

When auto connection is activated, the unit will automatically search for and connect to the device that was most recently connected.

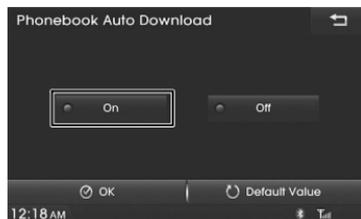


- 3 To confirm your selection, and return

to the previous screen, tap ↩.

► Downloading phonebook contacts automatically

- 1 From the Bluetooth Setting screen, tap **Phonebook Auto Download**.
- 2 Tap **On** to set the device to automatically download phonebook contacts each time you connect your phone to it.

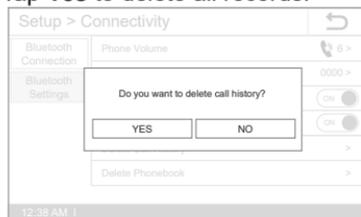


To disable the phonebook auto download mode, tap **Off** > **OK**

- 3 To confirm your selection, and return to the previous screen, tap ↩.

► Deleting all Call History or Phonebook all contacts

- 1 From the Bluetooth Setting screen, tap **Delete Call History** or **Delete Phonebook**.
- 2 Tap **Yes** to delete all records.



Note

Deleting records from the unit's call history or phone book does not affect the data stored in the phone.

Apple CarPlay (optional)

About Apple CarPlay

Apple CarPlay integrates your iPhone's apps with your car's media system, allowing you to access the applications and your device more easily. You can get directions, make calls, send and receive messages, and listen to music.

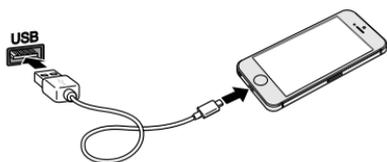
Apple CarPlay is available for all Lightning-enabled iPhones (currently supported iPhones are 5, 5C, 5S, 6/6 plus).

Note

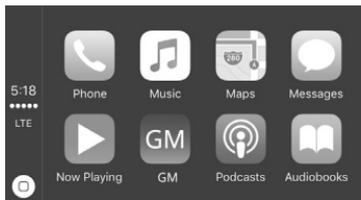
Apple CarPlay may not be supported depending on your vehicle's options and which region the unit is being used in.

Accessing Apple CarPlay

- 1 Plug your iPhone into the iPod/USB port via a Lightning cable.



When your iPhone is successfully connected to the iPod/USB port, the Apple CarPlay home screen will appear.



Note

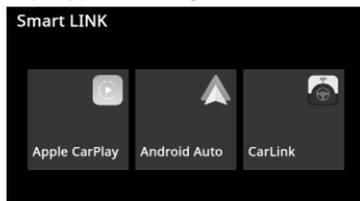
- If your iPhone is locked, you need to enter the passcode to unlock the iPhone. To access Apple CarPlay while the iPhone is locked, on your iPhone, tap **Settings > General > CarPlay** and set your iPhone to **Allow CarPlay While Locked**.
- If your iPhone is not successfully connected, a pop-up message will appear. Then, reconnect the iPhone to the iPod/USB port.

- 2 Tap a desired app to open it.

To end Apple CarPlay, unplug the Lightning cable from the iPod/USB port.

Returning to the Apple CarPlay home screen

To return to the Apple CarPlay home screen, press the **LINK** button on the unit and tap **Apple CarPlay**.



Or, press the **MODE** button on the steering wheel several times until the Apple CarPlay home screen appears.

To return to the Apple CarPlay home screen while using any application in Apple CarPlay, tap **⓪** at the bottom left of the screen.

Apple CarPlay (optional)

Apple CarPlay home screen

The following are the main applications available on the Apple CarPlay home screen.



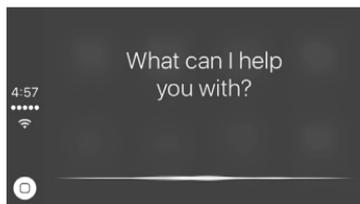
- 1 Phone:** Tap to make a call.
- 2 Music:** Tap to play music stored on your iPhone.
- 3 Maps:** Tap to view the map or search for a location.
- 4 Messages:** Tap to hear or send a text message using Siri.
- 5 Now Playing:** Tap to play streaming music or a music file that are previously played or currently playing.
- 6 GMI:** Tap to display the Home menu screen.
- 7 Podcasts:** Tap to play podcasts stored on your iPhone.
- 8 Audiobooks:** Tap to play audio books stored on your iPhone.
- 9 Home:** Tap to return to the Apple CarPlay home screen.

Note

- Applications not shown in the Apple CarPlay home screen are not supported by Apple CarPlay. The applications supported by Apple CarPlay may change in the future.
- Apple CarPlay is optimized for iOS 8.4. Application features may vary depending on your iOS version.

Activating Siri

- 1 Tap and hold the **Home** button on the Apple CarPlay home screen or on your iPhone.
- 2 Say the desired command loudly.



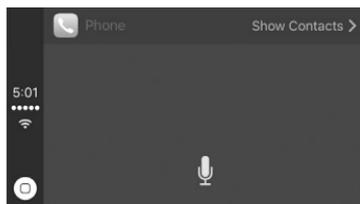
Note

When using Siri, say commands loudly so that Apple CarPlay can properly recognize your voice.

Phone

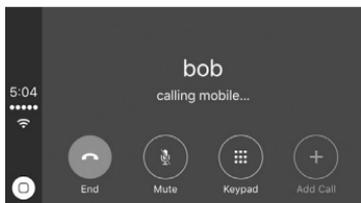
► Making a call using Siri

- 1 From the Apple CarPlay home screen, tap **Phone**.
You can also press the **PHONE** button on the unit to open the Phone application.
- 2 Say the name of your desired contact.



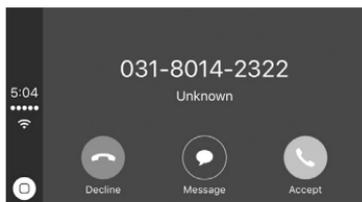
Your iPhone will then call the desired contact.

Apple CarPlay (optional)



► Accepting or declining a call

When you receive an incoming call on your iPhone while using Apple CarPlay, the following screen will appear.



Tap **Accept** to accept the call or tap **Decline** to decline the call.

Music

► Playing music

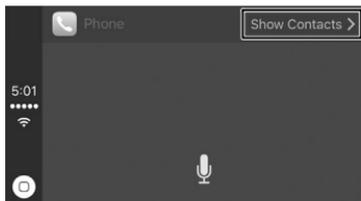
- 1 From the Apple CarPlay home screen, tap **Music**.
- 2 Tap a desired category and select a song stored on you iPhone.



- 1 **Library**: Tap to select a library.
- 2 **Playlists**: Tap to listen to the music in default playlists or your own playlists.
- 3 **Radio**: Tap to listen to the iPhone's radio.

► Making a call using Contacts

- 1 From the Apple CarPlay home screen, tap **Phone**.
- 2 Tap **Show Contacts**.



- 3 Select the desired calling option.



- 1 **Favorites**: Tap to see a list of your favorite contacts.
- 2 **Recents**: Tap to see a list of recently called contacts.
- 3 **Contacts**: Tap to call a number stored in your contacts.
- 4 **Keypad**: Tap to enter a phone number.
- 5 **Voicemail**: Tap to start a voicemail.

Apple CarPlay (optional)

Now Playing

From the Apple CarPlay home screen, tap **Now Playing**.

This feature plays music from third-party applications or music files stored in your iPhone.



- 1 **◀/▶**: Tap to skip to the previous or next song in the list.
- 2 **⏸/▶**: Tap to pause or resume the playback.
- 3 **⌘**: Tap to select or deselect the shuffle playback mode.
- 4 **⋮**: Tap to open the more menu.
- 5 **↺**: Tap to select or deselect the repeat playback mode.

Maps

▶ Viewing your current location

From the Apple CarPlay home screen, tap **Maps**.

Your current location will be indicated on the map.



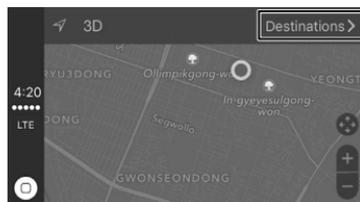
- 1 **📍**: Tap to locate your current position

on the map.

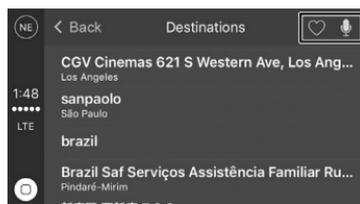
- 2 **3D**: Tap to change the map to a 3D view.
- 3 **Destinations**: Tap to search for desired locations or favorite locations.
- 4 **+/-**: Tap to zoom in or zoom out the current location on the map.

▶ Searching for a location

- 1 From the Apple CarPlay home screen, tap **Maps** > **Destinations**.



- 2 Tap **📍** to search for the desired location or tap **♥** to search for a favorite location.



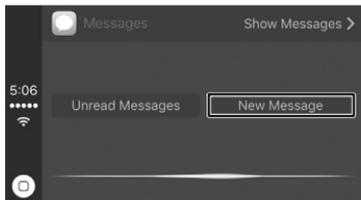
Apple CarPlay (optional)

Messages

► Sending a text message

1 From the Apple CarPlay home screen, tap **Messages**.

2 Tap **New Message**.



3 Say the desired name from your contacts to send a text message using Siri.

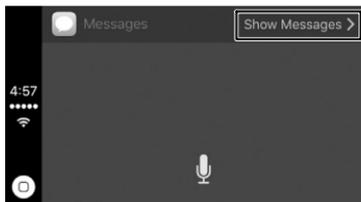
Siri will ask you what you want to tell the contact.

4 Say the message out loud.

A text message will be sent to the contact.

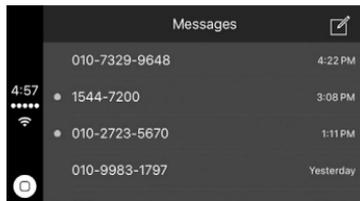
► Hearing a text message

1 From the Apple CarPlay home screen, tap **Messages > Show Messages**.



2 Select a message.

Siri will read the selected message out loud.



Podcasts

► Playing a podcast

1 From the Apple CarPlay home screen, tap **Podcasts**.

2 Tap **My Podcasts** and select a desired podcast to play.



• **Unplayed:** Tap to open the list of unplayed podcasts stored in your iPhone.

• **My Podcasts:** Tap to open the list of podcasts stored in your iPhone.

• **Top Charts:** Tap to open the list of top chart rankings in Potcasts.

3 Select a podcast.

Android Auto (optional)

About Android Auto

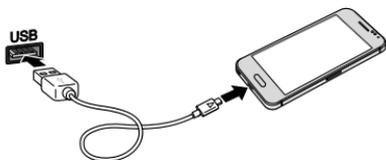
Android Auto allows you to gain access to maps, make phone calls, listen to music, and more by connecting a compatible Android phone to the unit.

Note

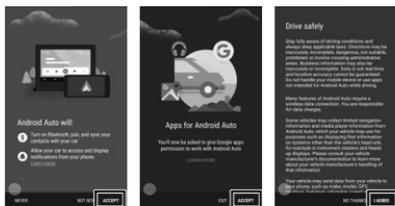
Android Auto may not be supported depending on your vehicle's options and which region the unit is being used in.

Accessing Android Auto

- 1 Download the Android Auto app on your Android phone from the Google Play Store.
- 2 Plug your Android phone into the iPod/USB port via the USB cable provided with your Android phone.



- 3 When initially accessing Android Auto, tap **ACCEPT** or **I AGREE** on your Android phone.



Note

The user agreement screens may differ depending on Android phones.

The Android Auto screen will appear.

To end Android Auto, unplug the USB cable from the iPod/USB port.

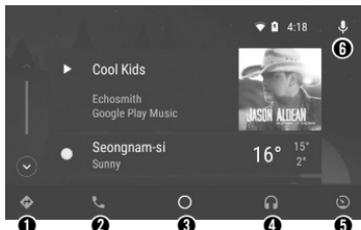
Note

- To use Android Auto, you need an Android phone running 5.0 (Lollipop) or higher.
- While connected to Android Auto, calls can only be made via Android Auto, not through the Bluetooth connection.
- Android Auto requires a compatible Android phone with an active cellular connection and data plan. Your carrier's rate plans will apply.
- Android Auto features may operate differently than similar features on your phone.
- Android Auto relies on the performance of your phone. If you experience performance issues, restart your apps. Then, disconnect and reconnect your phone.
- To set Android Auto on or off, refer to "Enabling or disabling Android Auto (optional)" on page 42

Android Auto (optional)

Android Auto screen

The following are the main menu options available on the Android Auto screen.



- 1 Navigation:** Tap to view a map and operate the navigation feature. You can only use this system or the pre-installed navigation system to set a destination with routing guidance.
- 2 Phone:** Tap to make phone calls or hear your voicemail.
- 3 Google Now (Home):** Tap to display useful information when required.
- 4 Music:** Tap to play music from compatible apps. Also, tap this icon to switch between music apps.
- 5 Vehicle info:** Tap to check your vehicle info or call roadside assistance.
- 6 Voice:** Tap to use voice commands to operate Android Auto. You can also press and hold the **PHONE** button on the unit to use Google voice commands. With Google voice recognition, you can make phone calls, view maps, and play music.

Note

- To return to the Home menu screen, tap the **Vehicle info** icon > **Return to HYUNDAI MOTORS**.
- You can use compatible third-party apps. Refer to the Android Auto website for a list of compatible apps.

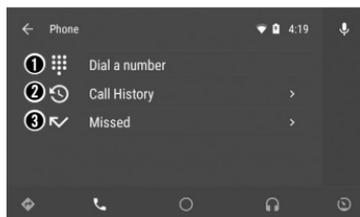
Phone

▶ Making a call using Google voice recognition

- 1** From the Android Auto screen, tap the **Voice** icon or press and hold the  button on the unit.
- 2** Say the name of your desired contact. Android Auto will then call the desired contact.

▶ Making a call using phone options

- 1** From the Android Auto screen, tap the **Voice** icon > **Phone**.
- 2** Select the desired calling option.



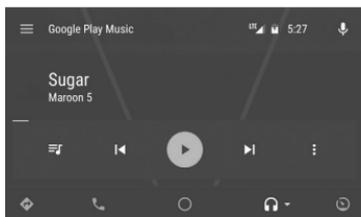
- 1 Dial a number:** Tap to dial a number and make a call.
- 2 Call History:** Tap to see your call history and make a call.
- 3 Missed:** Tap to see your missed calls and make a call.

Android Auto (optional)

Music

▶ Playing music

- 1 From the Android Auto screen, tap the **Music** icon.
- 2 Select the desired music app. When a music app is selected, song information will be displayed.



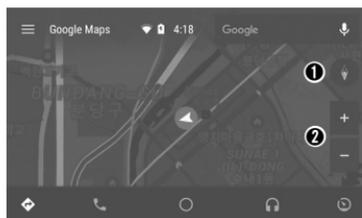
Note

Google Play Music is the only music app that can be controlled by voice recognition. Third-party music applications, such as Spotify and iHeartRadio, do not support voice recognition.

Navigation

▶ Viewing your current location

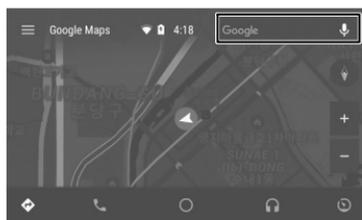
From the Android Auto screen, tap the **Navigation** icon. Your current location will be indicated on the map.



- 1 : Tap to change the map to a 3D view.
- 2 : Tap to zoom in or zoom out the current location on the map.

▶ Searching for a location

- 1 From the Android Auto screen, tap the **Navigation** icon. Your current location will be indicated on the map.
- 2 Tap the **Google** search field and search for a desired location.



Note

You cannot enter destinations using the keyboard while driving. To search for a location, tap the **Voice** icon and say a desired destination to begin navigation.

Car Link (for Android OS)

This section explains how to aCar Link provides two-way control mirroring for Android devices that supports touch actions, and audio support via your mobile hotspot. This allows you to use supported applications on the Car Link's large screen with wireless, smooth mirroring.

For more information on supported Android smartphones, visit the website at <http://car-link.co.kr>.

For more information on the Android OS version, refer to "Specifications" on page 44.

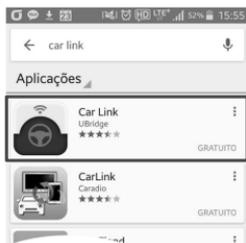
▶ Downloading the Car Link application to your Android smartphone

Before using Car Link, the Car Link application must be installed on your Android smartphone. To download the application:

- 1 Access Google Play Store on your smartphone.



- 2 Search for "Car Link" in the Play Store.



- 3 Tap **INSTALL**.

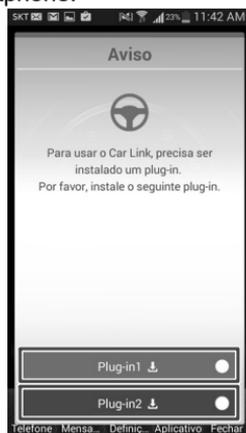


▶ Accessing Car Link

- 1 Tap Car Link on your smartphone.



- 2 Install two plug-ins that are required to run the Car Link application on the smartphone.



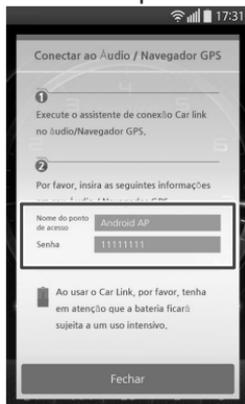
Car Link (for Android OS)

- 3 Tap Connect to car audio/GPS navigator to turn your mobile hotspot.

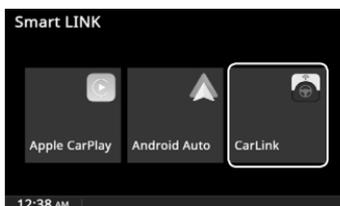


To set your smartphone to automatically connect to the unit for future access, tap the checkbox next to **Automatically connect from now on**.

- 4 Check the hotspot ID and password given on the smartphone's screen.

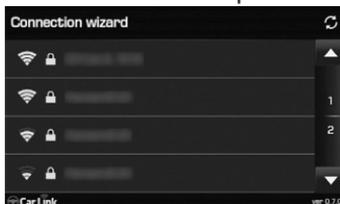


- 5 Press the LINK button on the unit and tap CarLink to search for your smartphone's hotspot.



Read the caution carefully and then tap [Agree].

- 6 Tap your smartphone's hotspot from the list of detected hotspots.



To refresh the network list, tap .

- 7 Enter the password for the hotspot and tap OK.



To save the password, tap the checkbox next to **Save**.

- 8 When the unit successfully connected to your smartphone, select one of supported applications.

Car Link (for Android OS)



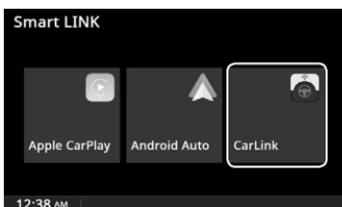
For more information on the supported applications, refer to the following section.

Note

- The manufacturer is not responsible for any loss of data from your Android smartphone while using this unit. Ensure to back up your Android smartphone data regularly.
- Your Android smartphone's battery must be more than 20% to use Car Link properly. If not, the connection will be terminated.
- During the Bluetooth-related operation, the Car Link function is interrupted for some time with the message display. (For example: downloading the phone book, searching for Bluetooth devices, etc.) Follow the message on the screen.
- Applications that may distract drivers cannot be used in Car Link. A message will appear letting drivers know that an app cannot be used.
- Depending on the conditions of the wireless network in the car, mirroring may be interrupted temporarily or the connection may be lost at times.
- Audio or videos with Digital Rights Management (DRM) may not play correctly when using the mirroring function.

► Returning to the Car Link home screen

To return to the Car Link home screen, press the **HOME** button on the unit and tap **CarLink**.



Or, press the **MODE** button on the steering wheel several times until the Car Link home screen appears.

► Car Link home screen

The following are options available on the Car Link home screen.



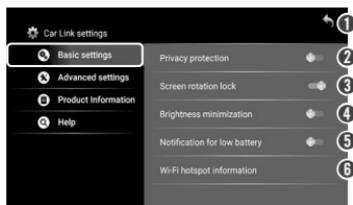
- 1 **MENU**: Slide the switch to turn the menu on or off.
 - 2 ↶: Tap to return to the previous page.
 - 3 🏠: Tap to display Car Link's home screen.
 - 4 ☰ Multi-function key: Tap to show the recent app (Map, Music, Radio and Video). & Switch to the navigation app.
 - 5 ⚙️: Tap to adjust more Car Link settings.
 - 6 🔌: Tap to exit Car Link from your connected smartphone.
 - 7 🎛️: Tap to customize apps.
- Map, Music, Radio and Video: Register and use the apps you want for each item.
- 8 🗄️: Tap to use non-customized apps.

Car Link (for Android OS)

► Setting Car Link

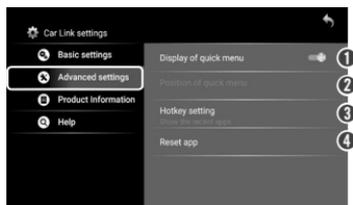
- 1 From the Car Link home screen, tap  to display the Car Link settings screen.
- 2 Tap each option to change the Car Link settings.

<Basic settings>



- 1 Back key: Go to Home screen.
- 2 Privacy protection: When a call / message is received, set the screen blanking.
- 3 Screen rotation lock: Car Link set screen-horizontal fixed.
- 4 Brightness minimization: when a start the Car Link, brightness minimization.
- 5 Notification for low battery: when your smartphone battery is less than 15%, Set an alert.
- 6 Wi-Fi hotspot information: Hotspot connection information display.

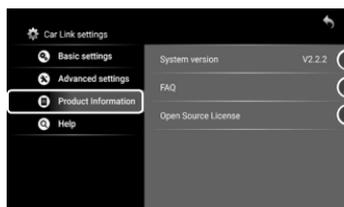
<Advanced settings>



- 1 Display of quick menu: Quick menu output setting on the left side of the home screen.
- 2 Position of quick menu: Quick menu position setting.

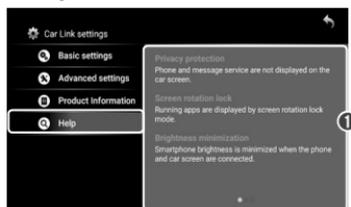
- 3 Hotkey setting: Selecting the "Previous app shortcuts" or "View Shortcut apps" setting.
- 4 Reset app: Car Link Reset all settings on Car Link.

<Product Information>



- 1 System version: Car LinkVersion information.
- 2 FAQ : Go to Car Link's Frequently Asked Questions (Homepage).
- 3 Open Source License: Go to the Open Source page related to Car Link (Homepage).

<Help>



- 1 Help: Car Link feature help guide.

Settings

Setting the sound

This section explains how to customize the settings for media and system sounds.

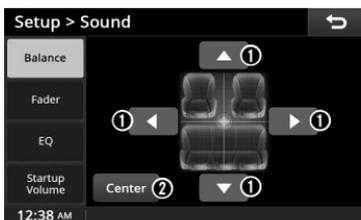
- 1 Tap **Setup** on the Home screen to display the Setup menu screen.



- 2 Tap **Sound**.

▶ Adjusting the sound balance

- 1 Tap **Balance** on the Sound settings screen.
- 2 Adjust the sound balance.



- 1 Balance control ▲/▼/◀/▶ buttons: Tap to adjust the sound balance of the speakers by moving the highlighted pointer on the grid. The highlighted pointer will indicate the focused listening position.
- 2 **Center**: Tap to set the highlighted pointer to the center of the car.
- 3 To confirm your selection, and return to the previous screen, tap ↩.

▶ Adjusting the sound fader

- 1 Tap **Fader** on the Sound settings screen.
- 2 Adjust the sound output level.



- 1 **Treble**: Tap to adjust the output level of the highest range of sounds.
- 2 **Mid**: Tap to adjust the output level of the middle range of sounds.
- 3 **Bass**: to adjust the output level of the lowest range of sounds.
- 4 **Beep**: Tap to adjust the volume of the beep that sounds when you tap the screen.
- 3 To confirm your selection, and return to the previous screen, tap ↩.

▶ Selecting the EQ style

- 1 Tap **EQ** on the Sound settings screen.
- 2 Select one of the preset equalizer styles.



To adjust the equalizer settings manually, tap **Custom**, and then tap ▲ or ▼ on the control bars of each band.

Settings

- 3 To confirm your selection, and return to the previous screen, tap ↩.

▶ Tuning on and off the loudness feature

When the equalizer style is set to **FLAT** or **User Customization**, you can activate the loudness feature which compensates by increasing the output level of the treble and bass. This feature will help improve sound quality when the source sound is quiet.

- 1 Tap **FLAT** or **Custom** on EQ settings screen.
- 2 Tap the checkbox next to **Loudness** on to activate the loudness feature.



To deactivate the loudness feature, tap the checkbox again.

- 3 To confirm your selection, and return to the previous screen, tap ↩.

▶ Setting the initial volume

You can set the initial volume level for media players. When you turn off the unit and turn it back on, this setting will be applied, regardless of your previous volume setting.

- 1 Tap **Startup Volume** on the Sound settings screen.
- 2 Tap **-** or **+** to adjust the startup volume level.

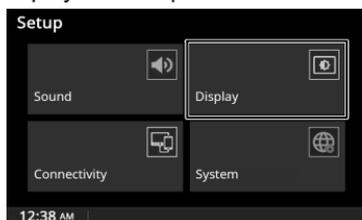


- 3 To confirm your selection, and return to the previous screen, tap ↩.

Setting the display

This section explains how to customize the display settings.

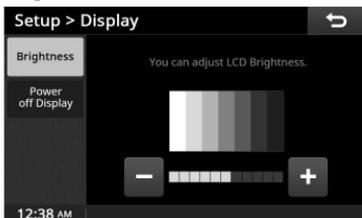
- 1 Tap **Setup** on the Home screen to display the Setup menu screen.



- 2 Tap **Display**.

▶ Adjusting the brightness of the screen

- 1 Tap **Brightness** on the Display settings screen.
- 2 Tap **-** or **+** to adjust the screen brightness.



The image upper to each control bar

Settings

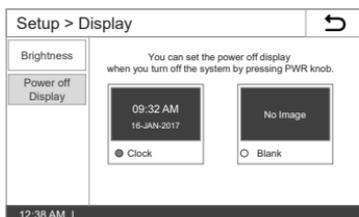
will provide you with a preview of the settings.

- 3 To confirm your selection, and return to the previous screen, tap .

▶ Setting the power-off display type

- 1 Tap **Power Off Display** on the Display settings screen.

- 2 Select a display type.



If you select **Clock**, the time and date (dd-mm-yyyy) will be displayed when the unit is switched to standby mode. If you select **Blank**, the screen will turn off when the unit is switched to standby mode.

- 3 To confirm your selection, and return to the previous screen, tap .

Setting the Connectivity

This chapter explains how to customize the Bluetooth Connection and Settings.

- 1 Tap **Setup** on the Home screen to display the Setup menu screen.



- 2 Tap **Connectivity**.

▶ Setting the Bluetooth Connection

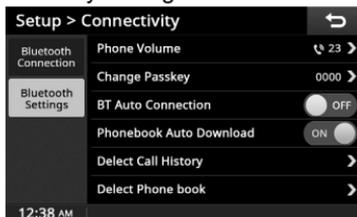
Tap **Bluetooth Connection** on the Connectivity settings screen.



For information on how to pair and connect the unit with a Bluetooth device, refer to "Bluetooth Connection" on page 19.

▶ Setting the Bluetooth

Tap **Bluetooth Settings** on the Connectivity settings screen.



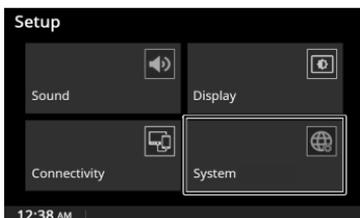
For information on how to setup the Bluetooth device, refer to "Bluetooth settings" on page 24.

Setting the system

This chapter explains how to customize the unit settings and keep the unit up to date.

- 1 Tap **Setup** on the Home screen to display the Setup menu screen.

Settings



2 Tap **System**.

► **Checking/Updating/Initializing the unit**

1 Tap **Device Info** on the System settings screen.

2 Check the unit's system software version and other information.



To update the unit to the latest software version, tap **Software Update** > **Yes**. The unit will restart to update the firmware. The customized settings and user data will still be maintained after the update.

⚠ **Caution**

Do not remove the USB storage device or turn off the ignition until the update is complete and the unit restarts. Doing so may damage the unit.

Note

Before updating the unit, you first need to prepare the firmware files. Move the firmware files to a USB storage device and insert it into the unit's iPod/USB port.

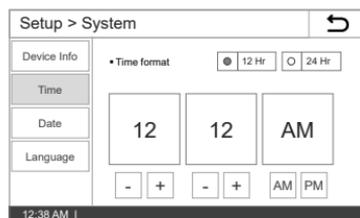
To return the unit to the factory default settings and delete user data, tap **System Default** > **Yes**. The unit will restart and initialize the system.

3 To confirm your selection, and return to the previous screen, tap ↩.

► **Setting the time**

1 Tap **Time** on the System settings screen.

2 Select a time format and tap – or + under the hour and minute boxes to set the current time. **AM** and **PM** buttons are available when you select the 12-hour format.



Note

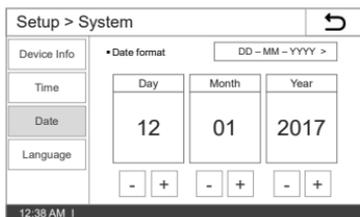
You can quickly change a value by tapping and holding - or +.

3 To confirm your selection, and return to the previous screen, tap ↩.

Settings

► Setting the date

- 1 Tap **Date** on the System settings screen.
- 2 Tap **-** or **+** upper the Day, Month, and Year boxes to set the current date.



- 4 To confirm your selection, and return to the previous screen, tap ↶.

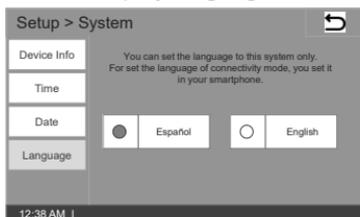
Note

You can quickly change a value by tapping and holding **-** or **+**.

- 3 To confirm your selection, and return to the previous screen, tap ↶.

► Selecting the language

- 1 Tap **Language** on the System settings screen.
- 2 Select a display language.



- 3 To confirm your selection, and return to the previous screen, tap ↶.

Troubleshooting

Problem	Cause	Solution
The unit does not start.	The ignition switch is not turned on.	Place the ignition switch in the IGN (ON) position.
	The ignition switch is not in the accessory (ACC) position.	Place the ignition switch in the ACC position.
The unit does not operate.	The ignition switch is not turned on.	Place the ignition switch in the IGN (ON) position.
The unit does not play files.	The inserted USB device is not formatted for FAT 16 or FAT 32 file systems. The unit recognizes USB devices only when they are formatted for FAT 16 or FAT 32 file systems.	Use a USB device formatted for a FAT 16 or FAT 32 file system.
	The file format is not supported by the unit.	Check the file format. (See page 44)
The unit does not play any sound.	The volume level is too low.	Increase the volume. (See page 8)
	The mute function is on.	Turn off the mute function. (See page 8)
Apple CarPlay does not start. (optional)	Your iPhone does not support Apple CarPlay.	Check the supported iOS version. (See page 44)
Android Auto does not start. (optional)	Your Android phone does not support Android Auto.	Check the supported Android OS version. (See page 44)

Specifications

Range of tuning	AM: 530 ~ 1,710 kHz / 10 kHz Steps FM: 87.7 ~ 107.9 MHz / 200 kHz Steps
Sensitivity	AM: 35 dB under FM: 12 dB under
Division Stereo FM	20 dB
Format logical file	ISO 9660 (level 1, 2 & 3), Joliet
Usable sampling rates and bit	MP3: Sampling Rate 44 kHz bit rate 32-320 KB/s with VBR
ID3 Tags	ID3v1, ID3v2
Bluetooth	Version 4.1
• Output Power	+ 4 dBm Max
• Profile	Advanced Audio Distribution Profile, Audio Remote Control Profile, Hands-Free Profile, Headset Profile
Usable media file formats on USB Devices	<ul style="list-style-type: none">• Supported File System: FAT16 or FAT32 Only (This unit does not recognize NTFS or exFAT file formats)• Music: MP3, WMA, WAV, OGG• Image: JPG, BMP, PNG
Supported Apple CarPlay iPhones (optional)	iPhone 5, iPhone 5c, iPhone 5s, iPhone 6, iPhone 6 Plus, or higher
Supported Android Auto Android phones (optional)	Android OS 5.0 (Lollipop) or higher

Note

This equipment operates on a secondary basis; it is not entitled to protection from harmful interference, even from stations of the same type, and cannot cause interference to systems operated on a primary basis.

Limited Warranty

ORIGINAL NAVIGATION HEAD UNIT SUPPLIED BY VEHICLE DEALER

Product :

Product No. :

► WHAT THIS WARRANTY COVERS

1. Vehicle Dealer Shop ("Dealer") warrants to you that the Hardware will be free from defects in workmanship and materials under Normal use ("Defects") for a period of three (3) years / 60,000 km from the original date of the registration of the motor vehicle ("Warranty Period"). During the Warranty Period the Hardware will be repaired or replaced at DEALER's choice ("Limited Warranty") without charge to you for either parts or labor. This Limited Warranty covers the replacement of the head unit including of the Hardware only.

► WHAT THIS WARRANTY DOES NOT COVER

2. The Limited Warranty does not apply to normal wear and tear, does not apply when the Hardware is opened or repaired by someone not authorized by DEALER and does not cover repair or replacement of any Hardware or part thereof damaged by: misuse, moisture, liquids, proximity or exposure to heat and accident, abuse, non-compliance with the instructions supplied with the Hardware, neglect or misapplication. The Limited Warranty does not cover physical damage to the surface of the Hardware. This Limited Warranty does not cover any software that may accompany or be installed on the Hardware.

The Limited Warranty does not cover the installation, removal or maintenance of the Hardware or any costs related herewith.

► HOW TO MAKE A WARRANTY CLAIM

3. In order to make a claim of a Defect, you must contact DEALER. If a defect arises and a valid claim under this Limited Warranty is received by DEALER. After the warranty Period, DEALER is entitled to charge you for any reasonable shipping and handling costs made in connection with the repair or replacement of the Hardware. You must comply with any other return procedures stipulated by DEALER, if any.

► DEALER LIMITED WARRANTY YOUR LEGAL RIGHTS

4. Some countries may not allow the exclusion or limitation of damages. If any part of this Limited Warranty is held to be invalid or unenforceable, the remainder of the Limited Warranty shall nonetheless remain in full force and effect.
5. This Limited Warranty is the only express warranty made to you and is provided in place of any other express warranties or similar obligations (if any) created by any advertising, documentation, packaging, or other communications.

Limited Warranty

6. Except for the Limited Warranty and to the maximum extent permitted by applicable law, DEALER and its suppliers provide the Hardware "AS IS AND WITH ALL FAULTS", and hereby disclaim all other warranties and conditions, whether express, implied or statutory, including, but not limited to, any (if any) implied warranties, duties or conditions of satisfactory quality, of fitness for a particular purpose, of reliability or availability, of accuracy or completeness of responses, of results, of workmanlike effort, of lack of viruses, and of reasonable care and skill, all with regard to the Hardware, and the provision of or failure to provide support or other services, information, software, and related content through the Hardware or otherwise arising out of the use of the Hardware. Also, there is no warranty or condition of quiet enjoyment, quiet possession, or non-infringement with regard to the Hardware.
7. This Limited Warranty does not affect any legal rights under applicable national legislation governing the sale of consumer goods.
8. This Limited Warranty cannot be transferred to any other person.

► LIMITATION OF LIABILITY

9. Neither DEALER nor its suppliers shall be liable to you or to any third party for any damages either direct, indirect, incidental, consequential or otherwise (including in each case, but not limited to, damages for the inability to use the equipment or access data, loss of data, loss of business, loss of profits, business interruption or the like) arising out of the use of or inability to use the Hardware even if DEALER has been advised of the possibility of such damages.
10. Notwithstanding any damages that you might incur for any reason whatsoever, the entire liability of DEALER and any of its suppliers shall be limited to the amount actually paid by you for the Hardware.
11. DEALER shall not be liable for
 - any fraud on the part of its employees and/or agents; or
 - any fraudulent misrepresentation on the part of its employees and/or agents.
12. Notwithstanding the above, neither party's liability for death or personal injury resulting from its own negligence shall be limited.

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