

CAR MULTIMEDIA SYSTEM

USER'S MANUAL

AVANTE

Thank you for purchasing this multimedia system.
Before using the product, read the contents of this user's manual carefully and use this product safely.

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Safety Warnings

- Even when receiving route guidance from the Navigation system, please abide by actual traffic and road regulations. Following only the Navigation route guidance may lead to violations of actual traffic and road regulations and lead to traffic accidents.
- Do not stare at the screen while driving. Staring at the screen for prolonged periods of time could lead to traffic accidents.
- Do not disassemble, assemble, or modify the Multimedia system. Such acts could result in accidents, fire, or electric shock.
- Heed caution not to spill water or introduce foreign objects into the device. Such acts could lead to smoke, fire, or product malfunction.
- If you use phone related functions while driving, you will find it difficult to concentrate on operating the vehicle and the current traffic conditions, so the possibility of an accident may increase. Please use phone related functions only when parked.
- 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 stop or park in parking restricted areas to operate the product. Such acts could lead to traffic accidents.
- Bluetooth Pairing is not supported while driving as such acts could lead to serious accidents.
- Current position of the vehicle may differ from the actual location. It depends on various reasons such as inaccurate satellite signals, vehicle state and so on.
- Satellite signals must be acquired to be operated. If the unit is blocked by buildings, trees or located indoors, satellite signals cannot be acquired. In this case, please move the vehicle to the place where free of surrounding objects and wait until the navigation acquire the satellite signals.

Safety Cautions

Pay attention to traffic conditions while driving.

- Operating the device while driving could lead to accidents due to a lack of attention to external surroundings. First park the vehicle before operating the device. In addition, the touch screen may not work for some functions when the vehicle is in motion. The touch screen feature will be supported once the vehicle has stopped.
- Adjust the volume to levels that allow the driver to hear sounds from outside of the vehicle. Driving in a state where external sounds cannot be heard may lead to accidents.
- If you want to change the position of device installation, please inquire with your place of purchase or service maintenance center. Technical expertise is required to install or disassemble the device.
- Turn on the car ignition before using this device. Do not operate the Multimedia system for long periods of time with the ignition turned off as such operations may lead to battery discharge.
- Do not subject the device to severe shock or impact. Direct pressure onto the front side of the monitor may cause damage to the LCD or touchscreen.
- When cleaning the device, make sure to turn off the device and use a dry and smooth cloth. Never use tough materials, chemical cloths, or solvents (alcohol, benzene, thinners, etc.) as such materials may damage the device panel or cause color/quality deterioration. When experiencing product concerns, inquire with your place of purchase or service maintenance center.
- Prevent caustic solutions such as perfume and cosmetic oil from contacting the dashboard because they may cause damage or discoloration.
- Use of the product within excessively high or low temperatures could lead to product malfunctions.
- Cannot operate the system while it is booting up. It may take some time for all of features of the system.
- 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.
- If system files are changed by user, may result in malfunctions. Problems caused by user negligence are not covered by product warranty.

- ❶ POWER/VOL
- ❷ RADIO
- ❸ MEDIA
- ❹ PHONE
- ❺ \wedge SEEK/TRACK \vee



- ❻ MAP
- ❼ NAV
- ❽ Voice Recognition
- ❾ DISP
- ❿ SETUP
- ⓫ TUNE

❶ POWER/VOL

When power is off, press to turn power on.
When power is on, press and hold (over 0.8 seconds) to turn power off.
When power is on, press quickly (under 0.8 seconds) to mute.
Turn left/right to control volume.

❷ RADIO

- Selects FM/AM mode
- Each time the key is pressed, the mode is changed in order of FM → AM → FM

❸ MEDIA

Shows the items in the system menu.

If the media is not connected, corresponding modes will not be activated.

❹ PHONE

Displays the Phone mode.

❺ \wedge SEEK/TRACK \vee

- FM/AM mode : plays previous/next frequency
- MEDIA mode : changes the file or title (except for Image and AUX)

❻ MAP

Displays the map for the current position.

❼ NAVI

Takes you to the menu screen where you can find your destination and set the route.

⑧ Voice Recognition
Activates voice recognition(it is
only available when connected
to the Apple CarPlay)

⑨ DISP
Press to darken the screen
brightness or turn off the screen.
Audio will continue to play even
if the screen is turned off.

⑩ SETUP
Displays the Setup mode.

TU
NE
FM/AM mode: changes the frequency.

⑪

STEERING WHEEL CONTROL



1 MUTE

Mutes sound.

2 MODE

- Each time this key is pressed, media mode is changed.
- If the media is not connected, the corresponding modes will be disabled.
- When keys are pressed and held. (more than 0.8 seconds)
- The POWER will be turned on / off.

3 +/- VOL

Controls the volume.

4 ^ v

When keys are pressed quickly. (less than 0.8 seconds)

- FM/AM mode : searches broadcast frequencies saved to Presets
- MEDIA mode : changes the file or title (except for Image and AUX)

When keys are pressed and held.

(more than 0.8 seconds)

- FM/AM mode : automatically searches broadcast frequencies.

5

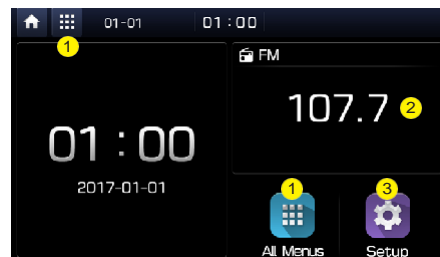
- When pressed in the incoming call screen, answers the call.

6

- When pressed during a call, ends the phone call.

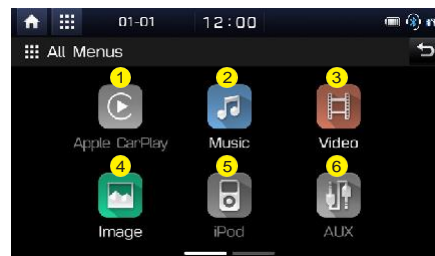
Home Screen

Controls Menu Configuration for the Home Screen



- ❶ All menus
Shows the items in the system menu.
- ❷ AV widget
 - Shows brief information on the media current playing.
 - Touch the area to move to the mode for what you are listening to.
- ❸ Setup
Displays the Setup mode.

All Menu



- ❶ Apple CarPlay
Converts to Apple CarPlay mode.

- ❷ Music
Converts to Music mode.

- ❸ Video
Converts to Video mode.

- ❹ Image
Displays the Image mode.

- ❺ iPod
Converts to iPod mode.

- ❻ AUX
Converts to AUX mode.

- ❼ Bluetooth Audio
Converts to Bluetooth Audio mode.

RADIO

FM/AM

You can access the radio either by pressing the FM/AM hard key.



1 FM/AM

Displays current operating mode.

2 Preset

Shows saved presets for user selection.

3 Save to Preset

After selecting frequency → press and hold the preset button. The frequency is saved to the selected preset button.

4 Frequency Bar

- Flick the frequency bar left/right to search for available radio channels to the left or right of the current channel.
- Dragging: Drag the frequency bar to the left/right to find the radio channel that you want.

5 Frequency

Displays the current frequency.

6, 8 Seek

Searches to previous/next frequency of adequate signal strength.

7 AST

Saves frequencies with superior reception to Preset.

9 List

Moves to the list screen.

10 Sound settings

Moves the Sound settings screen.

11 Back Button

Moves to previous screen.



12 Search

Searches for all available radio channels.

13 Back Button

Moves to previous screen.

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

Precautions for Safe Driving

- Bluetooth Handsfree is a feature that enables drivers to practice safe driving. Connecting the head unit with a Bluetooth phone allows the user to conveniently make calls, receive calls.
- 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

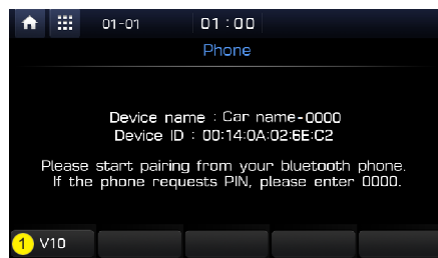
- Before connecting the head unit with the mobile phone, check to see that the mobile phone supports Bluetooth features
- Even if the phone supports Bluetooth Wireless Technology, the phone will not be found during device searches if the phone has been set to hidden state or the Bluetooth power is turned off. Disable the hidden state or turn on the Bluetooth power prior searching/connecting with the head unit.
- Park the vehicle when connecting the head unit with the mobile phone.

BLUETOOTH

- Bluetooth connection may become intermittently disconnected in some mobile phones. Follow these steps to try again.
 - ❶ Turn the Bluetooth function within the mobile phone OFF/ON and try again.
 - ❷ Turn the mobile phone power OFF/ON and try again.
 - ❸ Completely remove the mobile phone battery, reboot, and then again.
 - ❹ Reboot the Multimedia System and try again.
 - ❺ Delete all paired devices from both of Phone and Head Units sides and then try again.
- The Handsfree call volume and quality may differ depending on the mobile phone.

Bluetooth Connection

Before you can use the Bluetooth feature, you must first pair/connect your mobile phone to your car.



Select PHONE key in the head unit. When no phones have been paired, from the Bluetooth device, search for the "Device name" and pair the device. The default pass-key is 0000.

The device name above is an example. Check the actual information on the product.

① Paired Device List

- When a phone is already paired, select the name of the device to connect.
- Delete paired device: Press and hold the desired

※ Up to 5 Bluetooth devices can be paired.

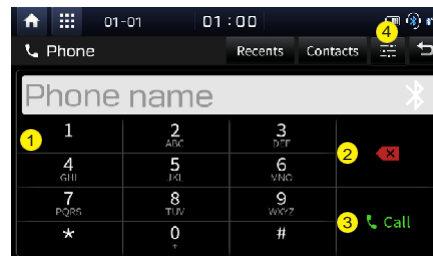
※ Only one Bluetooth device can be connected at a time.

※ During a Bluetooth device connection, another device cannot be paired.

※ Bluetooth Pairing is not supported while driving. Please pair only when in Parked state.

Operation of Hands free

Dial



③

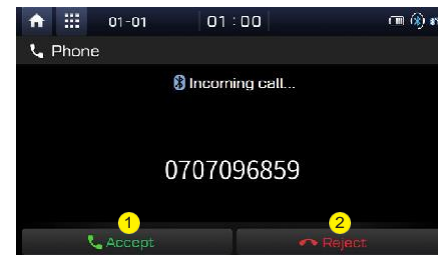
Call

Makes a call after you dial a number and select Call.

④ Phone Settings

Moves to a screen of Phone Settings.

Accept / Reject Call



① Keypad

Use the keypad to enter the phone number that you want to call.

② Delete

Delete the numbers that you entered.

If there is an incoming call after you made a Bluetooth connection, a incoming call screen will appear.

❶ Accept
Answers the call.

❷ Reject
Ignores the call.

※ In some mobile phones, the caller's number may not be displayed, and the Ignore feature may not be supported.

BLUETOOTH

Using the Menu During a Phone Call

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



1 Transfer

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

2 End

Ends a call.

3 Keypad

Moves to a screen for entering ARS numbers.

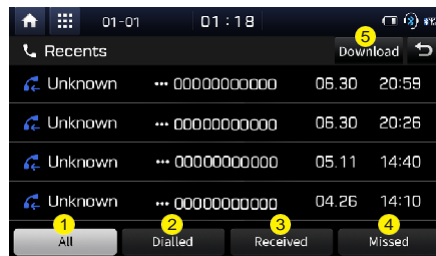
※ If the caller's number is listed in Contacts, the caller's name will be displayed. Otherwise, only the number will be displayed. In some mobile phones, the phone number may not be displayed.

※ In some Bluetooth devices, the Transfer feature may not be supported.

※ During a phone call on a Bluetooth Handsfree, you cannot access other modes.

※ Depending on handset types, the in call volume the other party hears may differ.

Call History



1 All

Lists the all call history.

2 Dialled

Lists the calls that you made.

3 Received

Lists the calls that you have received.

4 Missed

Lists the calls you missed.

5 Download

Downloads the call history information from your mobile phone.

※ In some mobile phones, call records may not be added to your Call History.

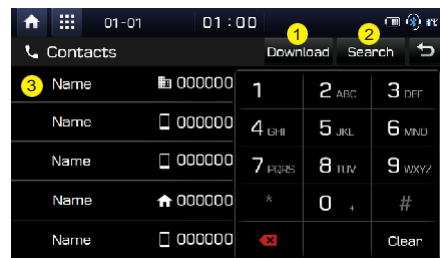
※ Up to 30 calls can be added in each Dialed Calls/Received Calls/Missed Calls list.

※ If the call history download is turned off with the Bluetooth device, the call history download will fail.

※ Some devices require a device authentication for downloading your call history. If download fails, check if the Bluetooth settings or display status are normal.

※ Some devices do not support call history downloading. Check if your Bluetooth device supports downloading.

Contacts



❶ Download

Downloads contacts from your mobile phone.

❷ Search

Searches contacts by keypad.

❸ Delete items

Press and hold the desired item to delete from the system.

※You cannot delete mobile phone's contacts from your car.

※Contacts can be viewed only when the Bluetooth device is connected.

※The download will not be available if the contacts download function is turned off on your Bluetooth device.

※Some devices require a device authentication for downloading your contacts. If download fails, check your phone screen and confirm the download if necessary.

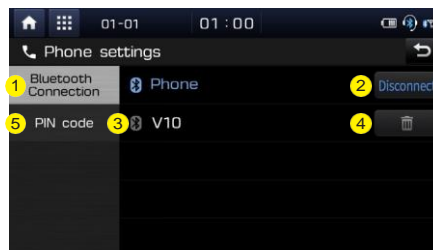
※Some devices do not support contacts download feature.

※If two or more numbers are stored in a one name, it will be downloaded as individual items.

※Items without phone number (email address only) will not be downloaded. (The number of saved contacts in the phone's address book and system's address book may be different.)

Phone settings

Changes Bluetooth phone settings.



❶ Bluetooth Connection

Settings for deleting and disconnection of a Bluetooth device.

❷ Disconnect

Disconnect Bluetooth devices that are connected.

❸ Paired Device List

Displays the paired Bluetooth device list.

❹ Delete Devices

Delete a paired device.

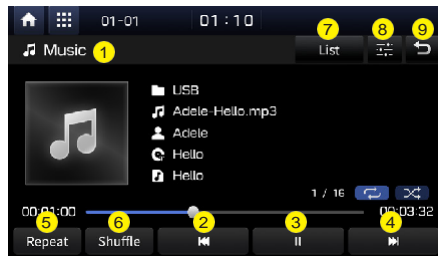
❺ Passkey

You can select the passkey used for Bluetooth device authentication.

※When you delete a paired device, the Call History and Contacts stored in the head unit are also completely deleted.

MEDIA

Music



1 Music

Displays current operating mode.

2 Previous File

Moves to the previous file or play the current file from the beginning (Depends on the play time).

3 Play/Pause

Plays/pauses the current file.

4 Next File

Moves to the next file.

5 Repeat

Repeats the current file.

6 Shuffle

Plays files in random order.

7 List

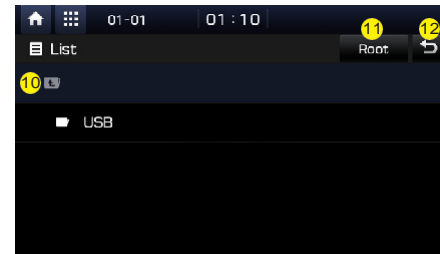
Moves to the list screen.

8 Sound settings

Moves the Sound settings screen.

9 Back Button

Moves to previous screen.



10 Upper Folder

Moves to upper folder.

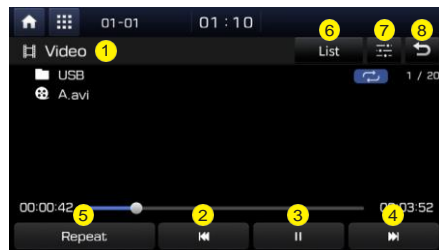
11 Root Folder

Moves to root folder.

12 Back Button

Moves to previous screen.

Video



1 Video

Displays current operating mode.

2 Previous File

Moves to the previous file or play the current file from the beginning (Depends on the play time).

3 Play/Pause

Plays/pauses the current file.

4 Next File

Moves to the next file.

5 Repeat

Repeats the current file.

6 List

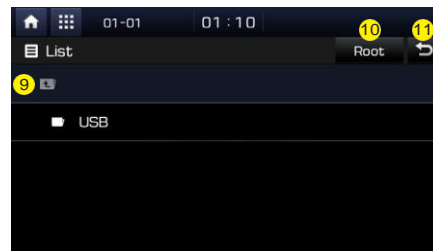
Moves to the list screen.

7 Sound settings

Moves the Sound settings screen.

8 Back Button

Moves to previous screen.



9 Upper Folder

Moves to upper folder.

10 Root Folder

Moves to root folder.

11 Back Button

Moves to previous screen.

※The touch screen may not work for some functions when the vehicle is in motion. The touch screen feature will be supported once the vehicle has stopped.

Image



1 Image

Displays current operating mode.

2 Previous/Next File

Swipe image left or right to see Previous/Next image.

3 Slideshow

Displays images as a slideshow at 5, 10, 20, 30 second intervals.

4 Rotate

Rotate image in clockwise direction.

5 Info

Shows the file name, resolution and file type of current image.

6 Adjust Image Size

Enlarge/reduce (zoom-in/zoom-out) image size.

7 List

Moves to the list screen.

8 Back Button

Moves to previous screen.



9 Upper Folder

Moves to upper folder.

10 Root Folder

Moves to root folder.

11 Back Button

Moves to previous screen.

About USB

Connect the USB device after turning on the engine. The USB device may become damaged if it is already connected when the ignition is turned on.

- Files that are not standard format music/video/image files will not be played.
- Heed caution to static electricity when connecting/disconnecting external USB devices.
- Encoded MP3 Players will not be recognized when connected as an external device.
- When connecting an external USB device, the device may not properly recognize the USB is in some states.
- Only products formatted with byte/sectors under 64Kbyte will be recognized.
- This device recognizes USB devices formatted in FAT 12/16/32 file formats. This device does not recognize files in NTFS file format.
- Some USB devices may not be supported due to compatibility issues.
- Take caution so that the USB connector does not come in contact with body parts or objects.
- Repeated connecting/disconnecting of USB devices within short periods of time may result in product malfunction.
- Make sure to connect/disconnect external USB devices with the audio power turned off.
- The amount of time required to recognize the external USB device may differ depending on the type, size, or file formats stored on the USB.
- The use of USB devices for purposes other than playing music, video and image files is prohibited.
- Do not use the USB I/F to charge batteries or USB accessories that generate heat. Such acts may lead to worsened performance or damage to the device.
- The device may not recognize the USB device if separately purchased USB hubs and extension cables are being used. Connect the USB directly with the multimedia terminal of the vehicle.
- When using mass storage USB devices with separate logical drives, only files saved to the root drive can be played.
- When application programs are installed to specific USBs, files may not properly play.
- The device may not operate normally if MP3 Players, cellular phones, digital cameras, or other electronic devices (USB devices not recognized as portable disk drives) are connected with the device.
- Charging through the USB may not work for some mobile devices.
- The device may not support normal operation when using a USB memory type besides Metal Cover Type USB Memory.
- The device may not support normal operation when using formats such as HDD Type, CF Memory.
- Upon playing iPods, please use a dedicated iPod car cable.
- Normal operations cannot be guaranteed when other cables are being used.
- 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 recognized.
- Only use Plug type connector products, as shown in the figure below.



Plug Type Connector

MEDIA

- USB memory files cannot exceed 4GB per file.
- USB memories will stably recognize up to 32GB.
- Saving too many files may influence system performance and result in reduced recognition speeds.
- If you have any problem during video playback, you need to convert the file to a supported file format using the video conversion software.

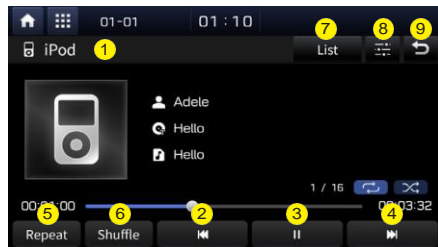
Product Name	Capacity(GB)
SanDisk Cruzer	8, 32
SanDisk Cruzer Edge	8, 32
SanDisk Cruzer Switch	16
LG XTICK J6 CRYSTAL	8
TRANSCEND JetFlash 810	16

※Problems that occur through use of USB devices not listed within the above table are not covered by the product warranty.

Supported Specifications

Name	Description
Image format	JPG, PNG
Supported image Resolution	Maximum 2048x2048
Supported image file size	Maximum 1M
Video file extension	mp4, avi
Music extension	mp3
Video codec	H.264, MPEG4-visual(=xvid)
Audio codec	mp3
File container	avi, mp4, mp3
Supported Video Resolution	720P

iPod



1 iPod

Displays current operating mode.

2 Previous File

Moves to the previous file or play the current file from the beginning (Depends on the play time).

3 Play / Pause

Plays/pauses the current file.

4 Next File

Moves to the next file.

5 Repeat

Repeats the current file.

6 Shuffle

Plays files in random order.

7 List

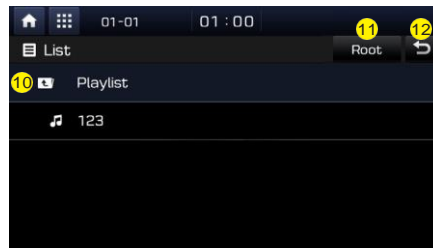
Moves to the list screen.

8 Sound settings

Moves to the Sound settings screen.

9 Back Button

Moves to previous screen.



10 Upper Folder

Moves to upper folder.

11 Root Folder

Moves to root folder.

12 Back Button

Moves to previous screen.

Using iPod Devices

- iPod is a registered trademark of Apple Inc.
- iPod mode will not operate if the connected iPod cannot be recognized due to operation of unsupported versions that do not support related protocols, iPod abnormalities, or iPod device defects. Some iPods with unsupported communication protocols may not properly operate with the Multimedia system.
- Search/play orders shown within the iPod device may differ with the orders shown within the Multimedia system.
- If the iPod malfunctions due to an iPod device defect, reset the iPod and try again. (To learn more, refer to your iPod manual)
- If repeatedly connect and disconnect iPod/iPhone to the Multimedia system with USB cable in short time, it may cause abnormal operation.
- The time for recognition of iPod/iPhone may vary depending on device type, firmware version and iOS version.
- For some iPod Touch and iPhone devices, connecting Bluetooth while the iPod is operating may result in discontinued iPod sound. When such devices with Bluetooth support are connected, this problem occurs as the sound source is changed from the Dock Connector (USB connector cable) to Bluetooth.
- To listen to the iPod sound, reconnect the USB cable or change the audio output settings in iPod/iPhone to Dock.
- In order to use the iPod while operating the keys, you must use a dedicated iPod cable. (the cable that is supplied when purchasing iPod/ iPhone products)
 - ※ During ACC ON state, connecting the iPod through the iPod cable (The cable that is supplied when purchasing iPod/ iPhone product.) will charge the iPod through the head unit.
 - ※ The use of genuine iPod cables supplied by Apple is recommended. (The use of other products may result in noise or abnormal operation.)
- When connecting with the iPod cable, make sure to fully insert the jack to prevent communication interference. If the iPod is connected to the vehicle while it is playing, a high pitch tone may sound for about 1~2 seconds immediately after connection. If possible, connect the iPod to the vehicle with the iPod stopped/ paused.
- Within iPhones, streaming audio and iPod control may occasionally conflict. If problems persist, remove the iPhone and connect again.
- While using a connected iPhone/iPod Touch device, it may not operate normally if the user changed some functions in the device.
- When calling with an iPhone connection, song may stop playing due to an Apple device feature. If sound does not resume after the call is terminated, check the device status.
- If lots of songs have the same information, skipping may occur when previous/next song is executed due to an Apple device feature. Also problems may occur depending on device type or iOS version.
- If lots of songs have the same information, it may occur difference of playing songs between the Multimedia system and Apple

- device. Reset the device or delete the same songs in the Apple device using iTunes.
- If the iPhone/iPod Touch supports Bluetooth, it is unable to use Bluetooth Audio if the Apple device that is connected to the Multimedia system through both USB connection and Bluetooth. Disconnect the USB connection then use Bluetooth Audio.
 - If iPod/iPhone connected to the Multimedia system through both USB and AUX. iPod/iPhone keeps output sound via AUX, thus it may occur sound will not output in iPod mode.
 - If AUX cable connected to iPod/iPhone but not connect to the Multimedia system, it may occur sound will not output in iPod mode due to iPod/iPhone's feature. Especially, if you use AUX cable like pictures, this problem may occur.
 - Disconnect AUX cable from iPod/iPhone first, then connect to the Multimedia system via USB. Or change settings to "Dock" in iPod/iPhone.
 - If connect to the Multimedia system while podcast or iTunes music downloading to iPod/iPhone, it may occur some problems when you select song in the list. Reconnect iPod/iPhone to the Multimedia system when downloading is finished or the file deleted.
 - If connect to the Multimedia system while sync, it may occur some problems. Try to use iPod/iPhone connection after sync complete. (To learn more, refer to your iPod manual)

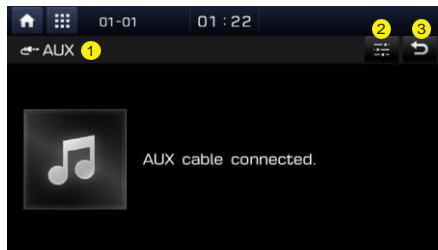
AUX

Connecting an External Device

If an external device connector is connected with the AUX terminal, then AUX mode will automatically operate. Once the connector is disconnected, the previous mode will be restored.

※ AUX mode can be used only when an external audio player has been connected.

- ※ If only a cable is connected to the AUX without an external device, the mode will be changed to AUX, but noise may occur. When an external device is not being used, remove the connector jack.
- ※ When the external device power is connected to the power jack, playing the external device may output noise. In such cases, disconnect the power connection before use.



❶ AUX

Displays current operating mode.

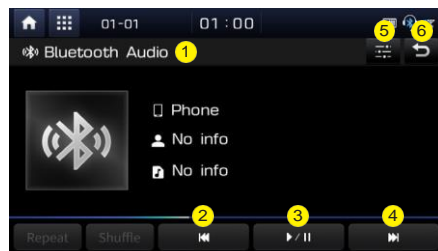
❷ Sound settings

Moves to the Sound settings screen.

❸ Back Button

Moves to previous screen.

Bluetooth Audio



❶ Bluetooth Audio

Displays current operating mode.

❷ Previous File

Moves to previous file or plays the current file from the beginning.

※ This function may differ depending on the model of mobile phone.

❸ Play / Pause

Plays/pauses the current file.

❹ Next File

Moves to the next file.

❺ Sound settings

Moves to the Sound settings screen.

❻ Back Button

Moves to previous screen.

※ Artist info and Title may not be supported by mobile phone.

※ If the music in the mobile phone is not played after changing to audio streaming mode, press the play button. Thus check if the music is playing in the Bluetooth device after changing to audio streaming mode. Audio streaming may not be supported for some mobile phones.

Apple CarPlay

What is Apple CarPlay?

You can securely access your smartphone while driving by using this feature. Various functions on your smart phone are displayed on the multimedia system so you can easily use them (finding the direction, making a call, listening to music, etc.).

The “Apple CarPlay” icon appears when a compatible phone is connected. Available functions and operations may differ depending on the phone model.

For more information, visit the Apple website <http://www.apple.com/ios/carplay>

Supported devices are as follows:

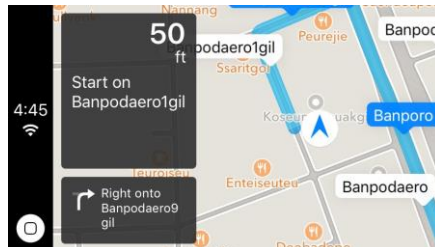
- Version: iOS 8.4 or later (recommended for the latest version)
- Device: iPhone 5/5S/5C/6/6PLUS or later (iPod and iPad are not supported)

Precautions

- Apple CarPlay is a registered trademark of Apple Inc.
 - Apple CarPlay may not be available if the phone version is not latest or your phone is unable to be recognized due to a shutdown caused by a failure or defect in the device itself.
 - Your phone may not be recognized 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 you repeatedly connect and disconnect the USB cable on the device in a short period of time, your 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 are not guaranteed when you arbitrarily manipulate your phone while Apple CarPlay is active.
 - Apple CarPlay may not operate normally due to mobile phone issues.
 - Carrier charges may apply when using Apple CarPlay.
 - The following problems may occur due to issues with your phone.
 - Intermittent black screens appear when entering Apple CarPlay.
 - Black screens appear when switching Apple CarPlay.
 - Audio volume can not be adjusted depending on the status of the connected phone.
 - When you disconnect from Apple CarPlay during an Apple CarPlay call, you will not hear a voice call on your phone.
- ※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
- Apple CarPlay might not function as same with Car Multimedia system.
 - It might function irrelevantly if controls mobile phone while Apple CarPlay. Please do not use mobile phone while Apple CarPlay.
 - Apple CarPlay might go to Car Apps screen if disconnected depending on connection status. You can re-use if the device re-connected.

Using Apple CarPlay Features

1. Connect the mobile device to the USB port using a USB cable. (Use genuine USB cable.)
2. On the Home or All Menus, select the Apple CarPlay icon.
3. You can use the functions for navigation, music, phone, and other support apps.



Apple CarPlay Map

This product supports Apple CarPlay maps.

※ The actual screen may differ from the illustration.

NOTICE

- Before connecting your mobile phone, check whether Apple CarPlay is set to ON in the iPhone Settings menu.
- After connecting the mobile phone, you must unlock your phone and accept the Disclaimers on your phone in order for Apple CarPlay to launch.

Cautions when using Apple CarPlay

- Please refer to the following site for features and country availability about Apple CarPlay and Siri / Maps, etc.
- <https://www.apple.com/ios/feature-availability>
- Bluetooth media features are disabled when Apple CarPlay is activated, you can use only phone features among all Bluetooth features. You cannot use Bluetooth Media features such as Bluetooth Audio. Disconnect the USB cable to use the Bluetooth media features.
- If Apple CarPlay is not activated even after a successful connection, check the following:
 - Phone Application status (Check if an error has occurred)
 - Check if Apple CarPlay has been closed on your phone.
 - Check whether Apple CarPlay is set to ON in the iPhone Settings 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>.

SETUP

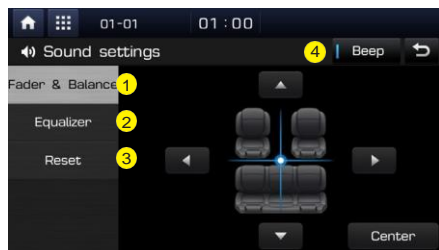
Setup

Setup is the screen to control system settings of the multimedia system.

To enter the screen, select the SETUP key of the device.

Sound Settings

Adjusts the sound effects for the whole system.



❶ Fader & Balance

Select the Up/Down/Left/Right button to control sound positioning.

You can directly touch or drag the sound position to make adjustments. Press Center to concentrate the sound on the center of vehicle.

❷ Equalizer

Select the +/- button to control bass/mid/treble settings. Press Center to initialize the settings.

❸ Reset

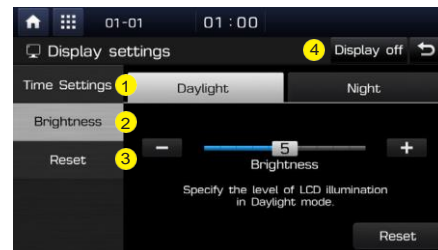
Initialize the sound settings.

❹ Beep

Select to activate a beep when pressing buttons.

※The seat shape may differ according to vehicle model.

Display Settings



❶ Time settings

Adjusts the start time for Daylight and Night mode.

❷ Brightness

Adjusts the level of brightness in Daylight or Night mode.

❸ Reset

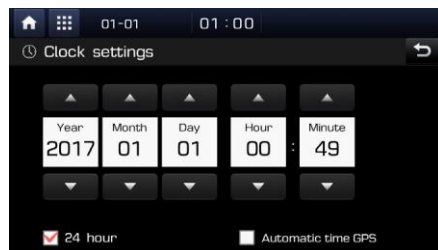
Initialize the Display settings.

❹ Display Off

Provides the Display Off (touch activation) function.

Clock Settings

Provides the time and date settings.



Provides the GPS time, Date/Time Settings and 24 Hours options.

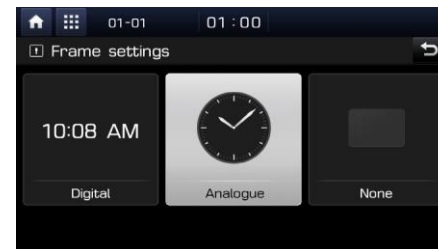
Language Settings

You can configure the displayed system language.



When the language is changed, the system will automatically restart.

Frame Settings



You can select any of the following screen formats to be displayed when the screen or power is turned off.

- Digital clock and date
- Analog clock and date
- No display

SETUP

System Info

At the System Info screen, System version information details are available.



Rear View Camera

This parking guide system is activated if you shift the gear to R when the power is on or the engine has started.

A wide-angle lens is installed as the rear detection camera to get a wider view, so there may be some difference between the actual distance and the distance that appears on-screen. For safety, make sure to view the back, right, and left sides of the car for yourself.

PRODUCT SPECIFICATION

Radio	Channels	FM : 87.5 MHz ~ 108.0 MHz(Step : 100 kHz)
		AM : 531 kHz ~ 1602 kHz(Step : 9 kHz)
	Sensitivity	FM : Under 10dBu/AM : Under 35dBu
	FM Stereo Separation	More than 20dB
MP3	Recommended Bit Rates and Sampling Frequency	Sampling rate 44.1 KHz, Bit rate: 32-320 KB/s with VBR
	ID3 Tags	ID3v2.3
Bluetooth Wireless Technology	Supported Bluetooth Specification	3.0
	Supported Profile	HFP, A2DP, AVRCP, PBAP
	Output Power	Maximum +4dBm

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 service center.

Problem	Possible Cause
There are small red, blue, or green dots on the screen	<ul style="list-style-type: none">• Because the LCD is manufactured with technology requiring high point density, a pixel or lighting deficiency may occur within 0.01% of total pixels.
The sound or screen is not working	<ul style="list-style-type: none">• Has the switch for the vehicle been turned to [ACC] or [ON]?• Has the system been turned off?
The screen is being displayed but sound is not working	<ul style="list-style-type: none">• Has the volume been set to a low level?• Has the volume been muted?
When the power is turned on, the corners of the screen are dark	<ul style="list-style-type: none">• 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 service center for assistance.
Sound is working from only one speaker	<ul style="list-style-type: none">• Are the positions of Fader & Balance sound controls adjusted to only one side?
Sound does not work in AUX mode	<ul style="list-style-type: none">• Are the audio connector jacks fully inserted into the AUX terminal?
The external device is not working	<ul style="list-style-type: none">• Is the external device connected with a standard connector cable?

TROUBLESHOOTING

Problem	Possible Cause	Countermeasure
The power does not turn on	Device is not properly connected	<ul style="list-style-type: none"> • Check to see that the device has been properly connected.
The system does not play	The vehicle battery is low	<ul style="list-style-type: none"> • Charge the battery If the problem persists, contact your point of purchase or service center.
Sound does not work	<ul style="list-style-type: none"> • The volume level is set to the lowest level • The connection is not proper 	<ul style="list-style-type: none"> • Adjust the volume level. • Check to see that the device has been properly connected.
The sound or image quality is low	<ul style="list-style-type: none"> • Vibration is occurring from where the conversion switch has been installed • Image color/tone quality is low 	<ul style="list-style-type: none"> • The sound may be short circuited and the image distorted if the device vibrates. • The device will return to normal once vibrations stop.
The USB does not Work	<ul style="list-style-type: none"> • USB memory has been contaminated • A separately purchased USB HUB is being used • A USB extension cable is being used • A USB which is not a Metal Cover Type USB memory is being used • An HDD type, CF SD memory is being used 	<ul style="list-style-type: none"> • Remove any foreign substances on the contact surface of the USB memory and multimedia terminal • Directly connect the USB memory with the multimedia terminal on the vehicle • Directly connect the USB memory with the multimedia terminal on the vehicle • Use standard USB Memory • Use standard USB Memory
The iPod is not recognized even though it has been connected	<ul style="list-style-type: none"> • There are no titles which can be played • The iPod firmware version has not been properly updated • The iPod device does not recognize downloads 	<ul style="list-style-type: none"> • Use iTunes to download and save MP3 files into the iPod • Use iTunes to update the firmware version and reconnect the iPod with the device • Reset the iPod and reconnect with the device
Bluetooth does not work or its limited functions are available	<ul style="list-style-type: none"> • Bluetooth on your mobile phone is set to OFF • The Bluetooth connection is not made 	<ul style="list-style-type: none"> • Set it to ON • Make the connection active

FCC Warning

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

CAUTION : Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.