



MODEL NAME

User Manual

Thank you for purchasing this multimedia system.
This user manual explains how to use the multimedia system.
Before using the product, read the contents of this user manual
carefully. Please use this product safely.

Read the following safety cautions for your safety.

Before using the product, read the contents of this user manual carefully. Please use this product safely.

※ The design and specification of this product may change without prior notification for the purpose of product improvement.

Notations used in this User Manual

WARNING

Failure to observe the safety instructions within this category could result in serious injury or death.

CAUTION

Failure to observe the safety instructions within this category could result in accident related injuries or damage to the vehicle.

Information

Information and tips that provides additional user convenience in using the product

Note

Information on specific features that facilitate proper product use and functional understanding.
Information on terminology used within this manual.

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WARNING

- 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.
- When checking the current vehicle speed, first check the speedometer rather than the speed displayed within the Navigation.
- Do not stare at the screen while driving. Staring at the screen for prolonged periods of time could lead to traffic accidents.
- Do not operate the Navigation system while driving, such as entering POIs or conducting route searches. Such acts could lead to accidents. Park the vehicle before operating the device.
- Do not disassemble, assemble, or modify the AVN system. Such acts could result in accidents, fire, or electric shock.
- Using phone features while driving may distract drivers from paying attention to traffic conditions and result in traffic accidents. Use phone features only after the vehicle has been parked.
- Heed caution not to spill water or introduce foreign objects into the device. Such acts could lead to smoke, fire, or product malfunction.
- Please refrain from use if the screen is blank or no sound can be heard as these signs may indicate product malfunction. Continued use in such conditions could lead to accidents (fires, electric shock) or product malfunctions.
- Do not touch the antenna during thunder or lightning as such acts may lead to lightning induced electric shock.
- Do not stop or park in parking-restricted areas to operate the product. Such acts could lead to traffic accidents.
- The video screen will not operate when the vehicle is in motion. For your safety, first park the vehicle to watch or view the screen.
- Some Non-video features may also not operate when the vehicle is in motion. These features will operate only when the vehicle has been parked.

Warnings and Cautions

CAUTION

- In some instances, the navigation may provide guidance through restricted areas.
- 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, some features may not work for your safety when the vehicle is in motion. These features will operate only when the vehicle has been parked.
- 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.
- Pay attention to the volume setting when turning the device on. A sudden output of extreme volume upon turning the device on could lead to hearing impairment. (Adjust the volume to a suitable levels before turning off the device.)
- 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 Audio Video Navigation system for long periods of time with the ignition turned off as such operations may lead to battery discharge.
- Upon using the Audio Video Navigation system for more than 10 minutes with the car engine turned off, the following warning will be displayed. After 10 minutes, the warning will be displayed for 5 seconds every 1 minute.

➤ 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 touch screen.

➤ 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 malfunctions, inquire with your place of purchase or service maintenance center.



CAUTIONS for Using SD Cards

- **Ejecting and Inserting SD Cards**
 - Ejecting and inserting SD cards while the multimedia system is operating may result in SD Card or System errors. To eject or insert the SD card, first turn off the multimedia system and the vehicle ignition.
 - Eject/insert SD cards only to update the multimedia system with a new version.
- **Use of SD Cards**
 - SD cards are formatted to include only Map and new system update files.
 - SD cards cannot be used to save and play music.
 - Do not add, delete or format files on the SD card.

Trademark

iPod® iPod® is a registered trademark of Apple Inc.

Example XXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXX

Bluetooth® The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks is under license.
A Bluetooth® enabled cell phone is required to use Bluetooth® wireless technology.
A Bluetooth® enabled cell phone is required to use Bluetooth® wireless technology.

Example XXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXX

DivX VIDEO DivX is a digital video format created by DivX, LLC, a subsidiary of Rovi Corporation. This is an official DivX Certified device that plays DivX video. Visit divx.com for more information and software tools to convert your files into DivX videos.

Key Product Features

Display	Wide TFT-LCD Display	Provides high quality video through a Wide TFT-LCD Display using an LED Back Light
AV	Support for various Media Formats	<ul style="list-style-type: none"> • Support for various media formats, including HD Radio, XM Radio, Audio/MP3/Video CD, DVD, AUX • Supports USB, iPod, and Bluetooth Audio Streaming modes
	Jukebox	Supports copy and play of music, video, image stored within USB into Jukebox (internal memory) mode (Max. 30GB)
	Gracenote	When playing music, automatically receives detailed music information, such as song name, artist, album, and genre and displays on the screen (Audio CD, USB, Jukebox modes supported)
Navigation	Voice Guidance	<ul style="list-style-type: none"> • Voice route guidance to safely and conveniently reach set destinations • Various map scales that enables drivers to accurately view map and surrounding areas
	Traffic Information	<ul style="list-style-type: none"> • Displays traffic congestion information on the map • Provides route guidance optimized according to traffic conditions
	ZAGAT Information	<ul style="list-style-type: none"> • Provides restaurant information by synchronizing with ZAGAT data within the Search by POI feature
Etc	Bluetooth Handsfree	Convenient use of Bluetooth Handsfree by using buttons within the steering remote controller
	Front Central Controller	8-directional jog-dial controllers for convenient control and access to various system features
	XM Data	Provides Weather, Traffic, Sports, Stock related information
	Blue Link	Provides Downloaded POI, ECO Driving, Gas Station, Location sharing and various other features

Component Names and Functions

Head Unit



1 Reset

Resets the system

2 DISC Insert Slot

DISC insert/eject slot

3 DISC-IN LED

Displays the DISC insert state

4 Power/Volume

- When power is off, press to turn power on
- When power is on, press and hold to turn power off
- When power is on, press quickly to turn AV off
- Turn left/right to control volume

5 EJECT

Press to insert or eject disc

6 ^SEEK/TRACK v

When key is pressed quickly

- Radio mode : plays previous/next frequency
- MEDIA (Disc/USB/iPod/BT music) modes : changes the track, file or title (except USB Image)

When key is pressed and held

- Radio mode : continuously changes the frequency until the key is released
- MEDIA (Disc/USB/iPod) modes : rewinds or fast forwards the track or file (except USB Image and BT music)

7 TUNE

- In Radio mode, changes the frequency
- MEDIA (Disc/USB/iPod) modes : changes the track, file or title (except USB Image and BT music)

8 HOME

Press to move to the home menu screen

9 RADIO

- Operates FM/AM mode
- Each time the key is pressed, mode is changed in order of FM1 ► FM2 ► AM

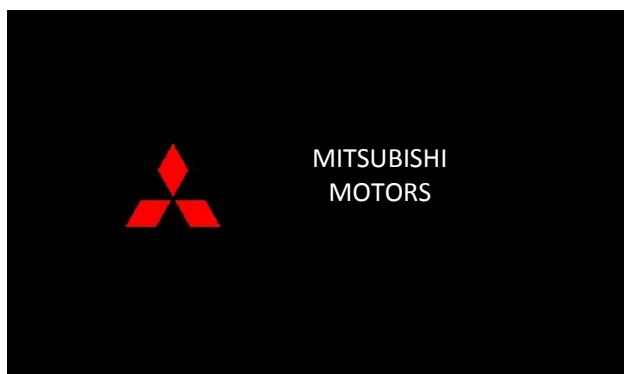
10 Micro SD Card slot

Micro SD Card insert/eject slot

Starting the System for the First Time

Turning the System On/Off

Press the engine start button or set the key to IGN or ACC.



Once the system is turned on, then the booting process will start. No operations are supported while the system is booting. Some time may be required until all features are ready for use.

Turning the System On/Off

Press the engine start button again or press and hold the power key on the head unit to turn the system off.

Information

If the system is turned off while the Handsfree is being used, then the call will automatically switch back to the mobile phone.

System Reset



The System Reset function restores the system when it is malfunctioning. Press and hold the RESET key for a second or longer. It is recommended that you press the RESET key using a tool, such as a pin or a paper clip.

Note

Upon resetting the system, saved data and settings information (radio frequencies, volume and display settings, etc.) will be restored back to the default factory state. Such are not indications of malfunctions.

AV ON/OFF

Press the PWR key on the head unit when the AV is on. Press the PWR key or press the menu key to turn on AV.

While AV is turned off, the \wedge SEEK/TRACK \vee key and the TUNE knob will be disabled.

Starting the System for the First Time

Restrictions on Features for Safety Measures

If you try to use features such as video mode that may distract you when you are driving, the system will turn the screen off or the function will be disabled and relevant warning message will appear. The audio player is not affected when video is off. The restriction screen will disappear when changing gear to P or putting the parking brake on.

How to eject/insert Micro SD card

Battery Warning Message

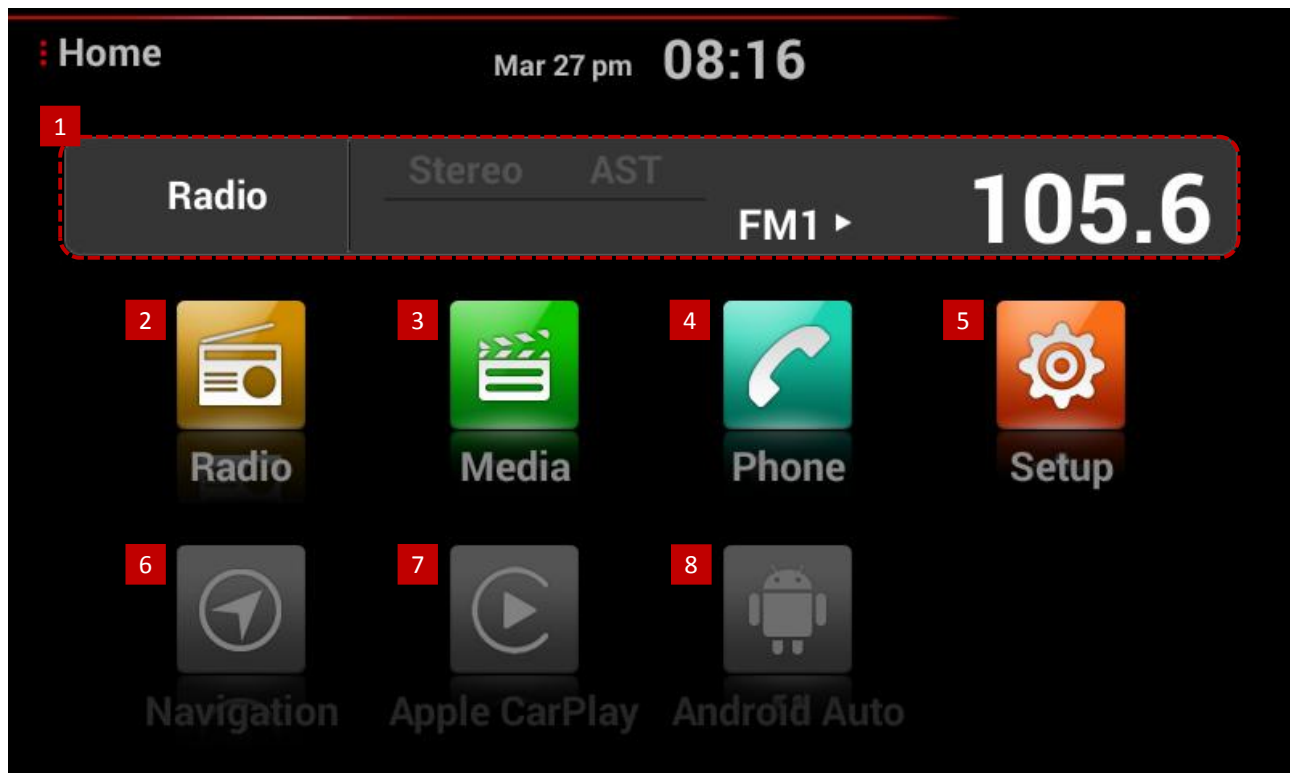
Use the system only when the engine is running. If the system is turned on with the engine off, then the following warning will be displayed.

Information

Using the system for prolonged periods of time without the engine running may result in battery discharge.

Starting the System for the First Time

Home Screen



1 Media Widget

- Shows brief information on the radio media currently playing.
- Touch the area to move to the mode for what you are listening to.

2 Radio

Operates FM/AM mode and displays the radio screen

3 Media

- Operates available media (Disc/USB/iPod/BT music)
- If the media is not connected, corresponding modes will be disabled

4 Phone

Moves to the phone screen

5 Setup

Moves to the Setup screen

6 Setup

Moves to the navigation screen

7 Apple CarPlay

Operates the CarPlay mode when iPhone is connected with the device.

8 Android Auto

Operates the Android Auto mode when android phone is connected with the device.

Starting the System for the First Time

On-Screen Touch Controls

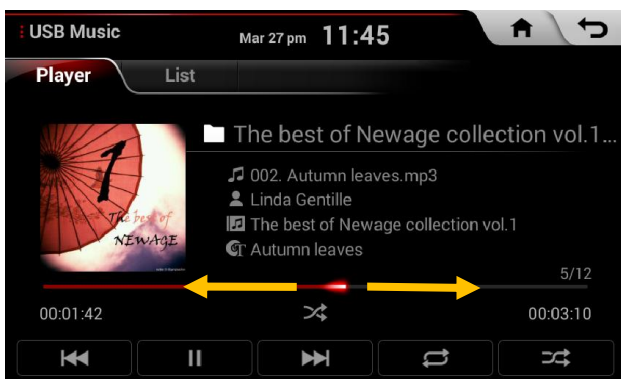
Learn how to touch the screen to operate the system.

Select

Tap lightly on a menu or item to select it.

Drag & Drop

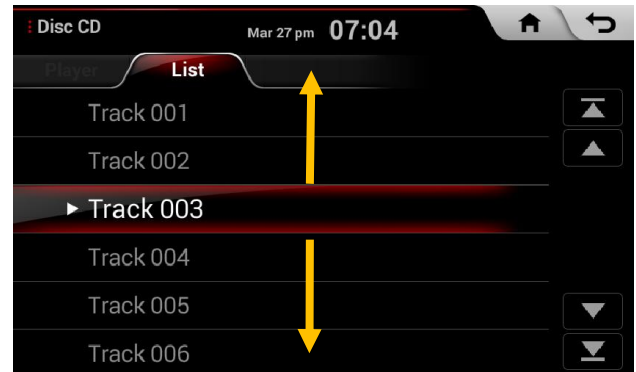
Select a menu or item and drag and drop it where you want to place it.



Drag or touch the slider along the play bar in the music screens to jump to the point that you want to play from.

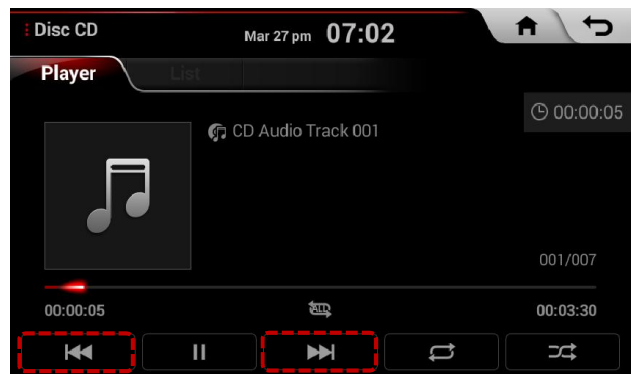
Flick (Quick Scrolling)

Quickly moves up and down in the list.



Press and Hold

Pressing the |<< and >>| buttons in the music or video player will fast forward/rewind the music or video.



AV

Radio Mode

Media Mode

Discs

Disc CD

Disc VCD

Disc DVD

Bluetooth music

USB

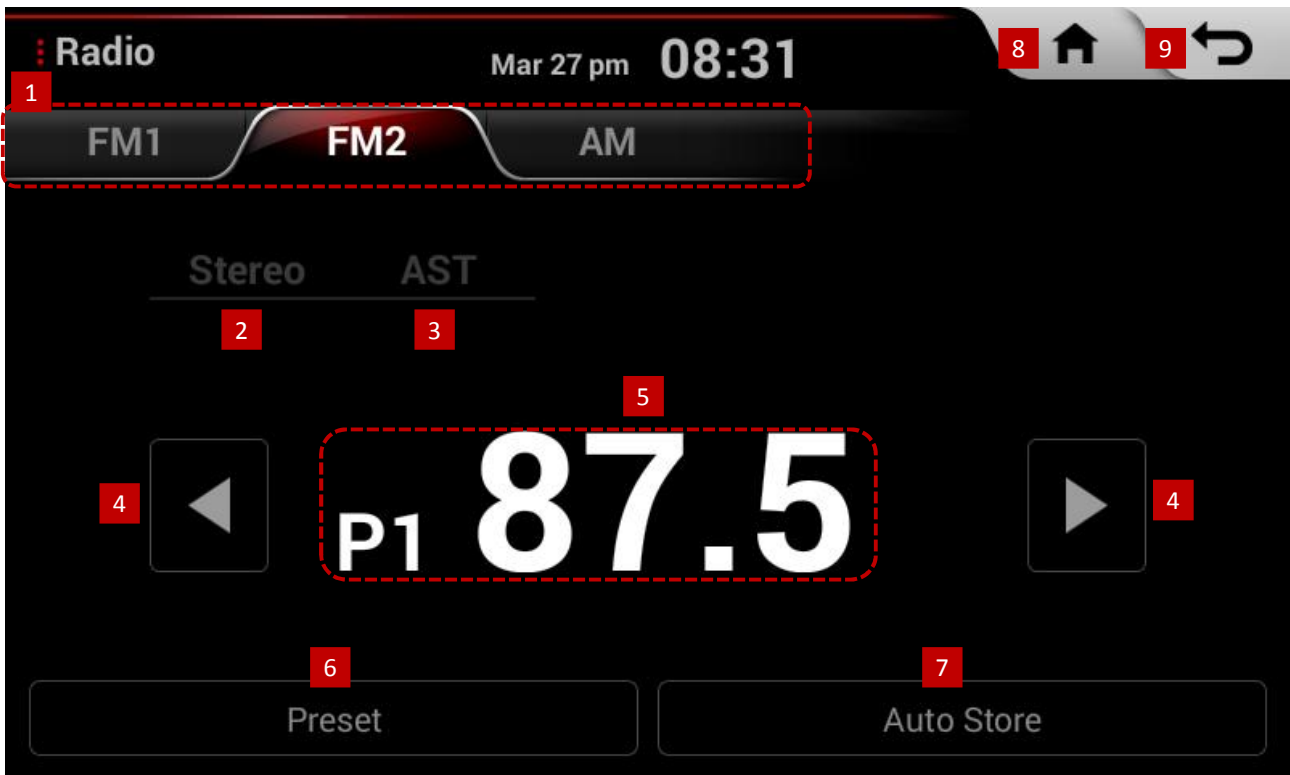
USB music

USB photo

iPod

Radio Mode

Radio Mode Screen



1 Mode Display

- Displays currently operating mode
- If select wanted mode tap, it will change to selected mode in Radio

2 Stereo/Mono

Displays current status in FM mode

3 AST

Blinks text while Auto Store is operating

4 ◀ ▶

- When **button** is pressed quickly seeks the previous/next station or frequency.
- When **button** is pressed and held continuously changes the frequency until the key is released

5 Frequency

Displays the current frequency

6 Preset

- Shows saved presets for user selection

7 Auto Store

Saves frequencies with superior reception to Preset buttons

13 Home

Moves to Home screen

14 Back button

Moves to Home screen

Radio Mode

Starting Mode

Press the [RADIO] key ► Select the desired tab.

Pressing the [RADIO] key on the head unit to change the mode in order of FM1 → FM2 → AM.



Using SEEK/TRACK

Press the [SEEK], [TRACK] key to automatically search for frequencies.



- When key is pressed shortly : Scans and receives the previous/next frequency
- When key is pressed and held : Changes frequencies while pressed. Upon release, scans and receives the next frequency

Using TUNE

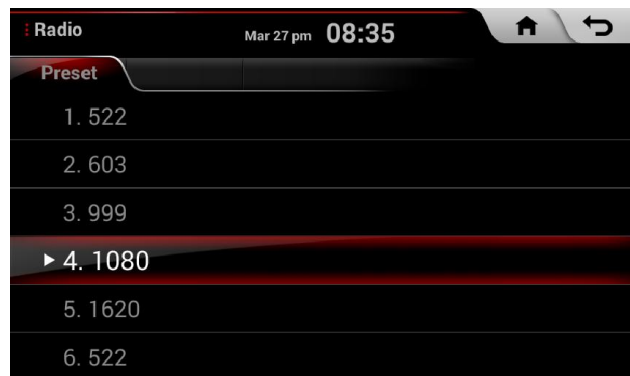
Turn the TUNE knob left/right to select the frequency.



- FM1/FM2 : Increases/decreases by 100kHz
- AM : Increases/decreases by 9kHz

Selecting Presets

Press the [Preset] button ► Select the preset you want to listen to.



Information

You can save up to 6 preset channels each for FM1, FM2 and AM.

Radio Mode

Saving Radio Frequency

Saving Manually

After selecting frequency ► Press the [Preset] button
► Press and hold the preset list.

A 'beep' will sound and the frequency is saved to the selected preset button.

Saving Automatically

Press the [Auto Store] button to automatically save receivable frequencies to Preset buttons.

A total of 18 frequencies with six preset frequencies each for FM1/FM2/AM modes can be saved.

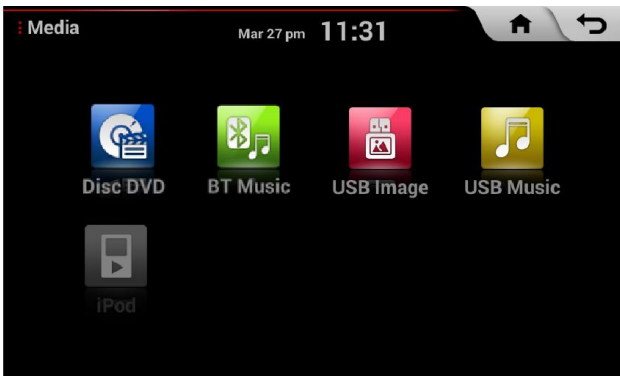
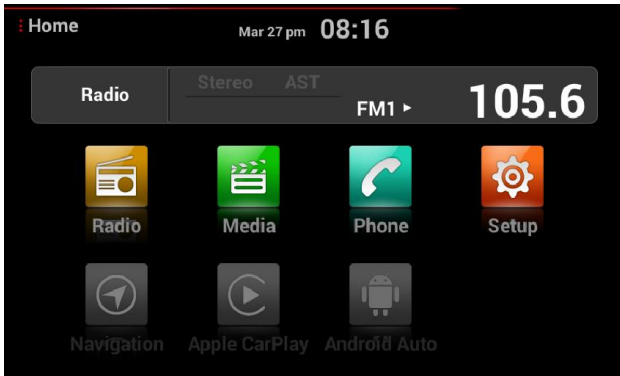
Information

While Auto Store is operating, pressing the [Auto Store] button again will cancel the function and play the previous frequency.

Media Mode

Starting Mode

Press the [HOME] key ▶ Press the [Media] icon ▶
Select an icon you want.



Discs

About Discs



Precautions for Handling Discs

- After using a disc, put the disc back in its original case to prevent disc scratches.
- Do not use abnormally shaped discs (8cm, heart-shaped, octagon-shaped) as such discs could lead to malfunctions.
- Do not clean discs with chemical solutions, such as record sprays, antistatic sprays, antistatic liquids, benzene, or thinners.
- Do not expose the disc to direct sunlight or high temperatures for prolonged periods of time. Such exposure may lead to disc deformation.
- Upon playing a disc contaminated by dirt or other substances, the sound and video quality may deteriorate and result in skipping sounds. Writing on either side of the disc could result in damage to disc surfaces.
- Clean fingerprints and dust off the disc surface (coated side) with a soft cloth.
- Copy-protected CDs, such as S-type CDs, may not properly operate in the device. DATA CDs cannot be played. (However, such discs may still abnormally operate.)
- Do not disassemble the device. Contact a designated service center in case of malfunction. (Complete after service assistance will not be provided if the user disassembles the device.)
- Do not use water to clean the device. Exposure to water could lead to product malfunction.
- Do not introduce foreign substances into the disc insert/eject slot. Introducing foreign substances could damage the device interior.
- The device may fail to properly operate in extremely hot or cold temperatures. (The operating temperature range is: $-10^{\circ}\text{C} \sim 65^{\circ}\text{C}$)
- Steam can become condensed on the fiber optic lens due to rain, wet conditions, or upon operating the heating system. In such cases, discs may not be properly recognized could be the cause of product malfunction. Remove the disc and wait until the moisture dries.
- Skipping may occur to the audio and video when driving on bumpy roads for prolonged periods of time or upon severe shock to the vehicle. In case of severe shock, video and audio may not properly play.
- Do not attach stickers or labels on to discs. Stickers or labels could cause damage to the system.
- Do not insert more than one disc at once. Such acts could lead to product damage or malfunctions.
- Do not forcefully eject or pull on discs when a disc is being loaded into the disc player. Such acts could lead to product damage or malfunctions.
- Non-genuine discs may result in disc recognition failure or product malfunction.

Discs

Supported Disc Format

Disc Type

Disc Type	Disc Format	Device Support
CD	5inch (12cm) CD CD-R CD-RW Multisession-CD	<input type="radio"/> <input type="radio"/> (Read Only) <input type="radio"/> (Read Only) <input type="radio"/> (Read Only)
DVD	DVD DVD±R DVD±RW DVD-RAM	<input type="radio"/> <input type="radio"/> (Read Only) <input type="radio"/> (Read Only) X
SACD	SACD (Single, SACD layer) SACD (Hybrid)	X <input type="radio"/> (Only CD layer)

Disc Formats

Disc Type	Disc Format	Device Support
CD	CD-DA MP3 WMA MPEG4 AAC VIDEO-CD DTS-CD CD-ROM CD-G CD-EXTRA CD-TEXT	<input type="radio"/> <input type="radio"/> <input type="radio"/> X <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
DVD	MPEG4(VIDEO) DivX® (VIDEO) DVD-VIDEO DVD-AUDIO DVD-MP3 DVD-ROM DVD-VR CPRM	X X <input type="radio"/> <input type="radio"/> X <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>

Disc/Content Format Compatibility

Disc Type

Disc Type	Disc Format	Device Support
DVD	LPCM Dolby Digital DTS MPEG	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
CD	LPCM	<input type="radio"/>
MP3	MPEG1, Layer3 MPEG2, Layer3 MPEG2.5	<input type="radio"/> <input type="radio"/> <input type="radio"/>
WMA	Ver9	<input type="radio"/>

Ordinary Disc Compatibility

•This device has been designed/ manufactured to be compatible with software bearing the following logo marks.



- This device supports the IEO Super VCD standard. Super VCD supports outstanding quality and supports 2 sound tracks upon recording.
- CD-R/RW discs (Audio CD) created with CD recording devices or PCs may not properly operate in the device. This is a result of various causes, including disc format, recording method, and contamination to the disc or lens.

Discs

Dual-Layer DVD Video Discs

- When playing a dual-layer disc, video/sound lags may occur for up to several seconds. Such phenomena are not unusual when using a dual-layer disc and do not signal a product malfunction.
- CD-R or CD-RW DISC without quality guarantees or discs over 650mb may not be properly recognized by the device.
- Inserting an abnormal disc may result in faulty operation/recognition.

DVD Region Code

- The DVD Player and DVD discs are assigned region codes. The region code of this device is <1>.
- Discs that have region codes besides <1> or <ALL> cannot be played.

PC-created Disc Compatibility

- When burning a disc on a PC, the disc may not operate in this device depending on the software settings. In such cases, inquire with the software manufacturer.
- Additional information regarding compatibility is displayed on the CD-R/RW software disc box.
- DVD-R/W discs are not compatible with this device.

PBC (Play-Back Control)-Compatible Video CD

- This device supports PBC-compatible Video CDs.

CD-R/RW Compatibility

- This device supports CD-R, CD-RW, and MP3 discs burned in Audio CD, Video CD formats.
- The recording of CD-R and CD-RW discs with this device is not supported.
- CD-R/RW discs recorded as audio CDs that were not finalized are not supported by this device.

Compressed Audio Compatibility

- Physical formats of CD: Model 1, Model 2 XA format 1.
- This device supports audio file compressed through MPEG-1 audio stream layer 3 (MP3) using 8kbps ~ 320kbps (CBR), VBR. For stable operation, the use of files in 95kbps~192kbps bit rate range and 44.1kHz SAMPLING frequency is recommended.
- This device supports WMA audio files using 20kbps ~ 320kbps(CBR), VBR.
- Variable bit rate files may operate, but the play time information may not be properly displayed.
- This device only supports tracks with file extension of “.mp3” or “.wma”.

Cautions upon Writing CDs

- When a multi-session disc is being recorded, make sure to close the session before recording.
- If MP3/WMA file extensions are changed, such could result in malfunctions.
- In the case of MP3/WMA, write using only English. (Other languages are not supported)
- Unauthorized use of copy-protected music files is prohibited by law.
- Prolonged use of CD-R/CD-RW products that do not satisfy related specifications may result in product malfunction.
- When writing CDs, low-speed writing is recommended.

Discs

Before playing a MP3 Disc

Supported MP3 File Specification

- Acceptable standard: MPEG1 AUDIO LAYER 3
- Acceptable sampling frequency: 8, 11.025, 12, 16, 22.05, 24, 32, 44.1, 48 (kHz)
- Acceptable bit rate: 8 ~ 320 (Kbps)

Recommended bit rates and frequency

- Sampling frequency: 96 ~ 192 Kbps fixed bit rate /44.1kHz

Detailed Specifications

- Maximum directory layers: 8 layers.
- Maximum folder length: 64 bytes, file name length: 64 bytes.
- Supported characters for folder name/file name: 2350 characters for alphanumeric and Korean character sets, 4888 characters for Simplified Chinese character set.
- Maximum number of folders per disc: 256 folders. (including ROOT)
- Maximum number of files per disc: 512 files
- Supported ID3 tags: ID3v1 0, ID3v1 1, ID3v2 2, ID3v2 3, ID3v2 4
- Supported MP3 Media: CD-ROM
- Supported media formats: ISO9660 LEVEL1 and LEVEL2

Precautions for Burning MP3 Files

- The use of ISO 9660 LEVEL 2 JOLIET format is recommended.
- Up to 32 characters in Korean/Chinese are supported for file names and up to 20 characters in Korean/Chinese are supported for folder names.
- The use of CDs exceeding 700MB may result in faulty disc recognition or errors when playing.

Recognition occurs through the same folder structure used within the disc.

Discs

About DVD Titles



Understanding of the DVD Titles




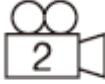
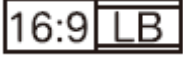
- Contents of DVD Titles

The video and sound recorded on a DVD are divided into titles and can be recognized by their title numbers. Each title is sub-divided into smaller units called chapters and each chapter can be recognized by the chapter number. The title number and chapter number of the currently playing DVD title is displayed on the upper side of the DVD operation menu screen.

- DVD Region Code

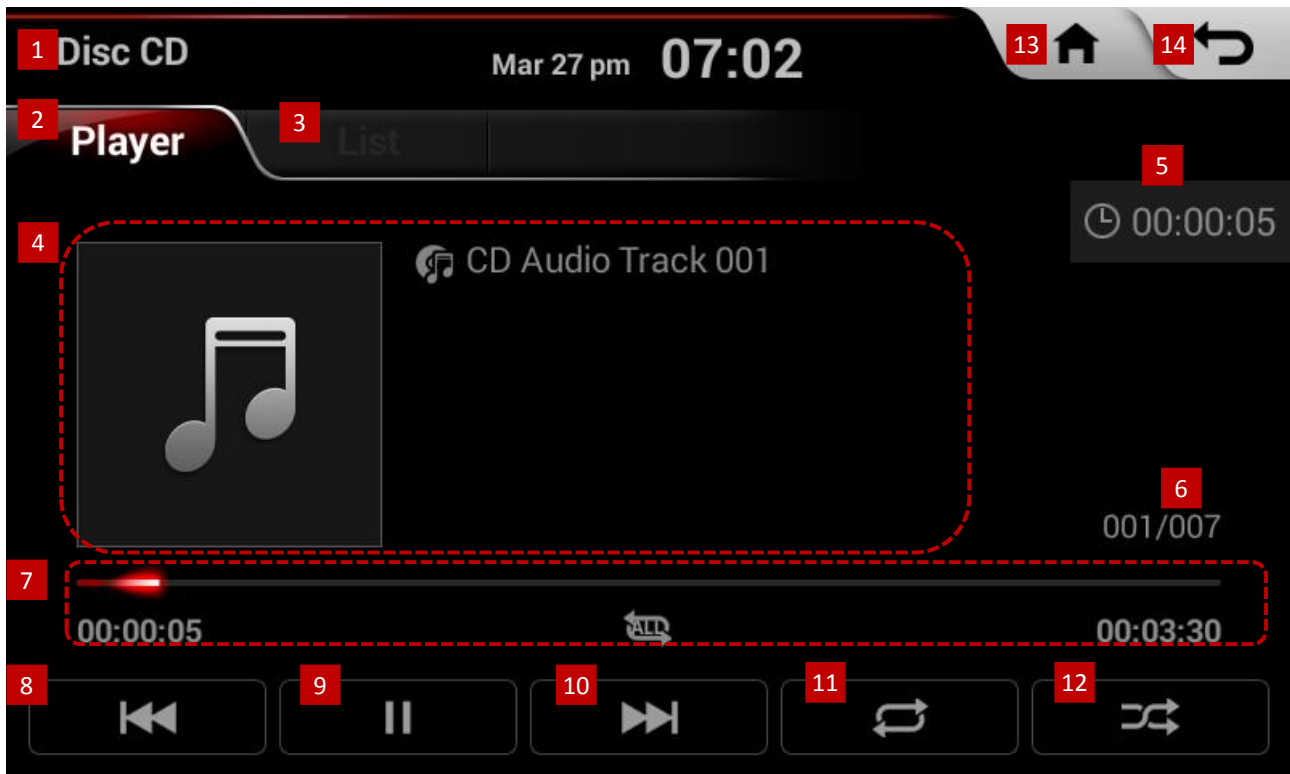
The DVD player and DVD discs are set with region codes and can be played in accordance to the sales region. If a disc besides "Region Code 1" or "All region disc" is inserted, then a "Region Code Error" screen will be displayed and the disc will not normally play.

Supported DVD Region Code	
	

Icon	Description
	Shows the supported region codes.
	Up to 32 subtitles can be recorded within a DVD. The number within the icon indicates the number of subtitle languages recorded within the DVD.
	Up to 8 voice languages can be recorded within a DVD. The number within the icon indicates the number of voice languages recorded within the DVD.
	DVD allows viewing of filmed footage from up to 9 angles (multi-angle). The number within the icon indicates the number of screen angles.
	This icon the screen ratio and display method. "16: 9" or "4: 3" indicates the screen proportion (ratio) while "LB", "PS" and "WIDE" indicates the screen display method and stands for "Letter Box", "Pan-Scan" and "Wide Screen", respectively.
NTSC	NTSC: This is the color method as used in Korea, Japan and the United States.

Disc CD

Disc CD Screen



1 Mode

Displays currently operating mode

2 Player tab

This is the main screen in which Disc CD operates

3 List tab

Moves to the list screen

4 Play Track Info

Shows track number

5 Play time

Displays the current play time

6 Track Index

Shows the current track/total tracks

7 Play time

Displays the current play time and total play time

8 Previous Track

• When button is pressed quickly

-When the play time is under 2 seconds : Moves to the previous track

-When the play time is over 2 seconds : Plays the current track from the beginning

• When button is pressed and held

Fastrewinds the current track.

9 Play/Pause

Plays/pauses the current track

10 Next Track

• When button is pressed quickly

Moves to the next track

• When button is pressed and held

Fastforwards the current track

11 Repeat

Repeats the current track or all tracks

12 Shuffle

Turns Shuffle feature on/off

13 Home

Moves to Home screen

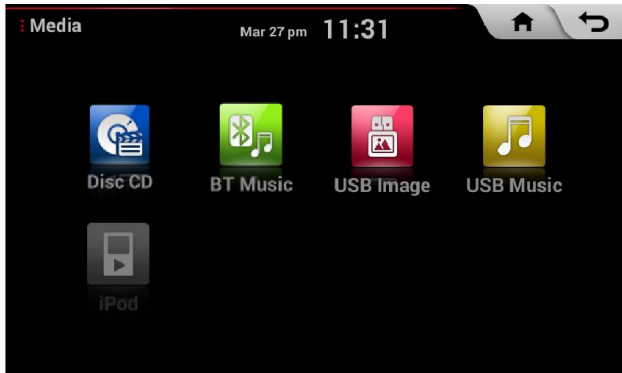
14 Back button

Moves to Media screen

Disc CD

Starting Mode

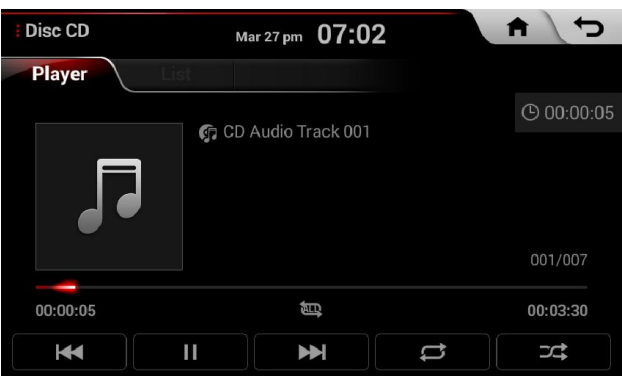
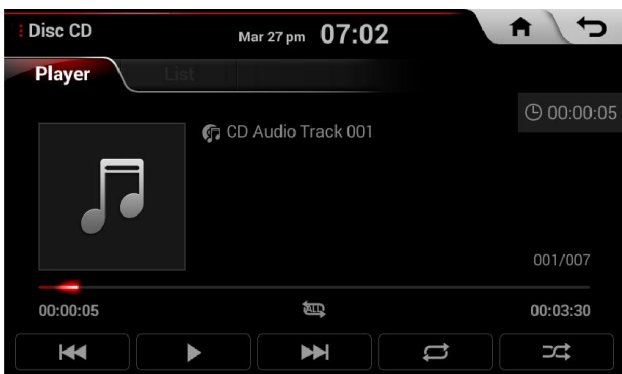
Press the [HOME] key ► Press the [Media] icon ► Press the [Disc CD].



i Information

CD mode will automatically start once a CD is inserted.

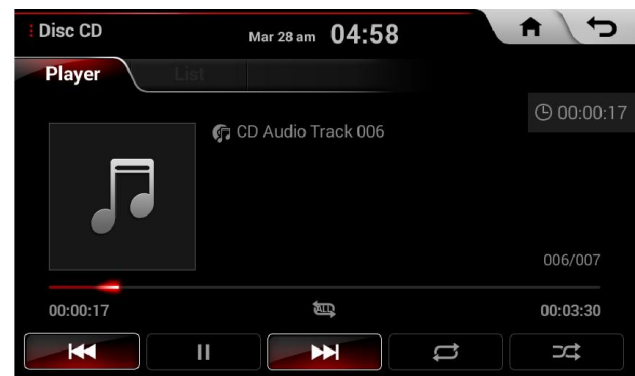
Playing a CD



- Press the [▶] button to play the track.
- Press the [||] button to pause the track.

Selecting Tracks

While playing ► Press the [^ SEEK , TRACK v] key or press the [|<<, >>|] button to select the previous/next track.



Fast-forwarding or Rewinding CD Tracks

While playing ► Press and hold the [|<<, >>|] button.

While the [|<<, >>|] button is being pressed, the track will rewind or fastforward.

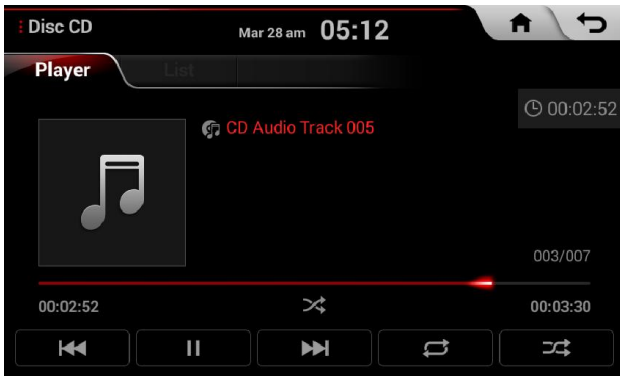
Once released, the track will begin playing at normal speed.

Disc CD

Searching CD Tracks

Searching from the Player Screen

Turn the TUNE knob ► Search tracks ► Once the desired track name is displayed, press the TUNE knob.



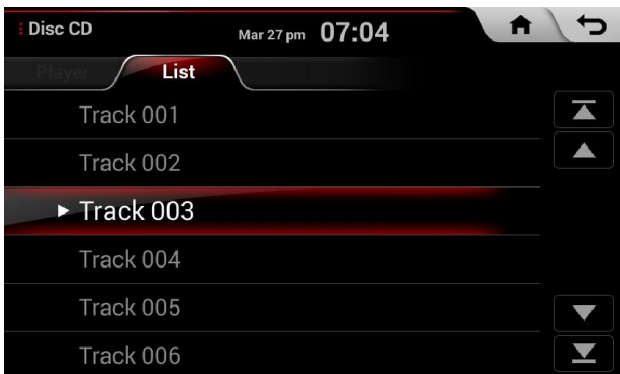
When searching tracks, the track number is displayed in red. Pressing the TUNE knob will play the corresponding track.

i Information

If the TUNE knob is not pressed within 5 seconds of searching tracks, the track info for the current track is restored.

Searching from the CD List Screen

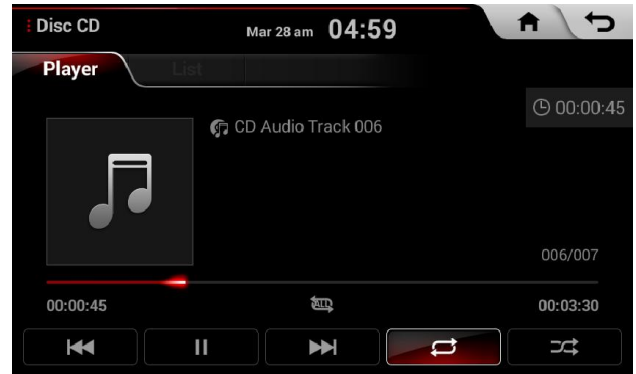
Press the [List] tab ► Turn the TUNE knob ► Search tracks ► Once the desired track number is displayed, press TUNE knob.





When searching tracks, pressing the TUNE knob will play the track highlighted in red.

Repeat

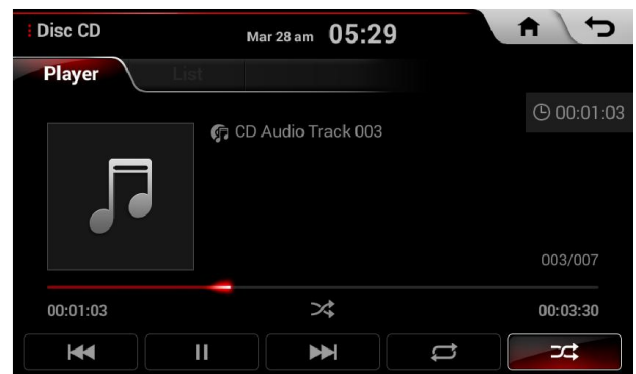
Press the [].




Each time the button is pressed, the option is changed from Repeat all () ► Repeat One ().

Shuffle

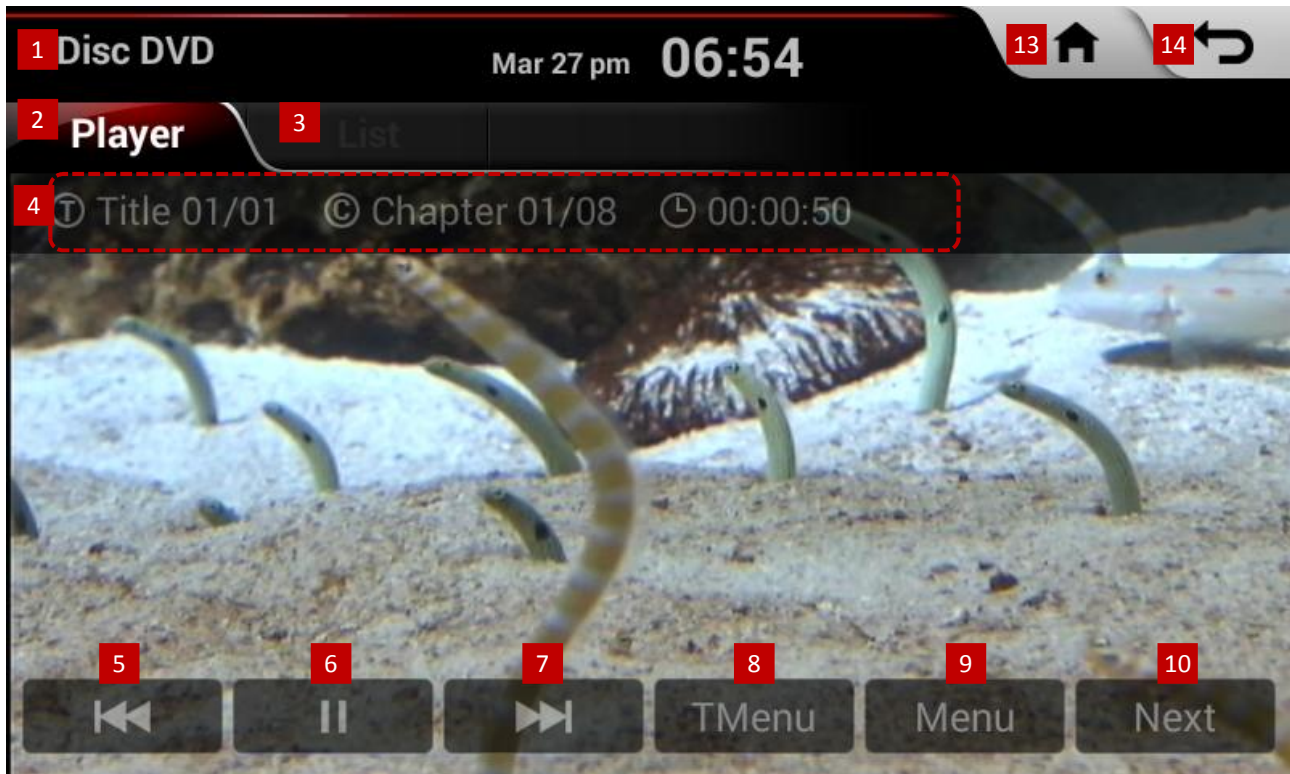
Press the [].



Each time the button is pressed, the option is changed from Shuffle On () ► Shuffle Off.

Disc DVD

Disc DVD Screen

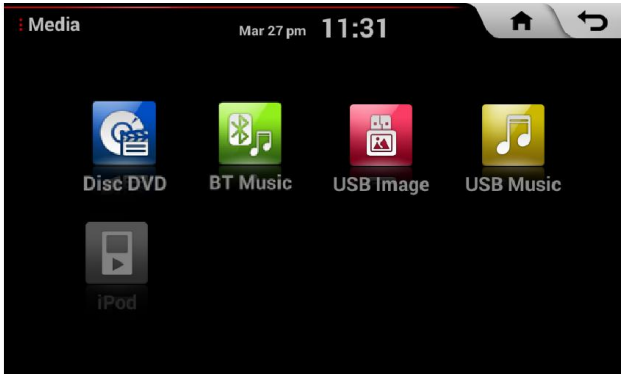


- 1 Mode**
Displays currently operating mode
- 2 Player tab**
This is the main screen in which Disc DVD operates
- 3 List tab**
Moves to the list screen
- 4 Play Info**
Shows current DVD title/chapter number and play time
- 5 Previous Chpater**
 - **When button is pressed quickly**
-When the play time is under 1 seconds : Moves to the previous chapter
 - When the play time is over 1 seconds : Plays the current chapter from the beginning
 - **When button is pressed and held**
Fastrewinds the current track.
- 6 Play/Pause**
Plays/pauses the current chapter
- 7 Next chapter**
 - **When button is pressed quickly**
Moves to the next chapter
 - **When button is pressed and held**
Fastforwards the current chapter
- 8 TMenu**
Moves to the Title menu screen
- 9 Menu**
Moves to the DVD menu screen
- 13 Next**
Shows the Voice, subtitle and Angle menu
- 13 Home**
Moves to Home screen
- 14 Back button**
Moves to Media screen

Disc DVD

Starting Mode

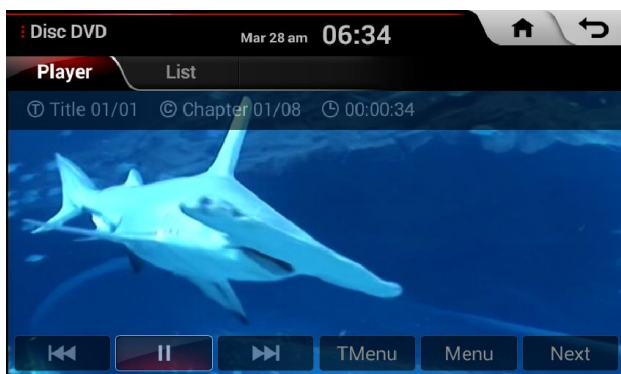
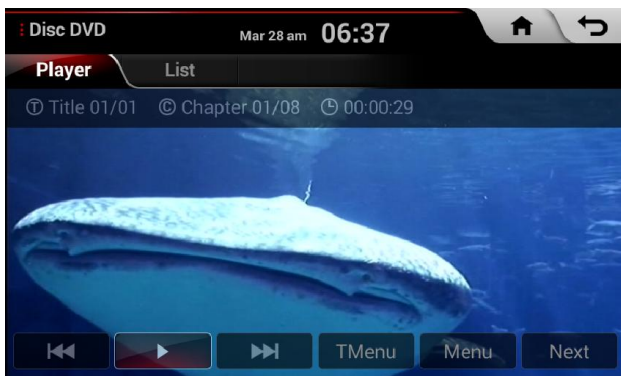
Press the [HOME] key ► Press the [Media] icon ► Press the [Disc DVD].



i Information

VCD mode will automatically start once a VCD is inserted.

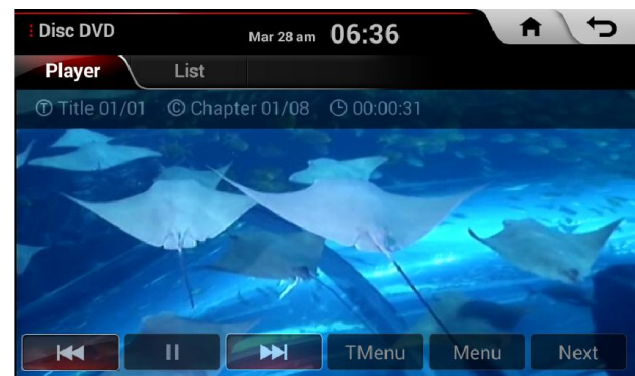
Playing a DVD



- Press the [▶] button to play the chapter.
- Press the [||] button to pause the chapter.

Selecting Chapters

While playing ► Press the [^ SEEK , TRACK v] key or press the [|<<, >>|] button to select the previous/next chapter.



Fast-forwarding or Rewinding DVD Chapter

While playing ► Press and hold the [|<<, >>|] button.

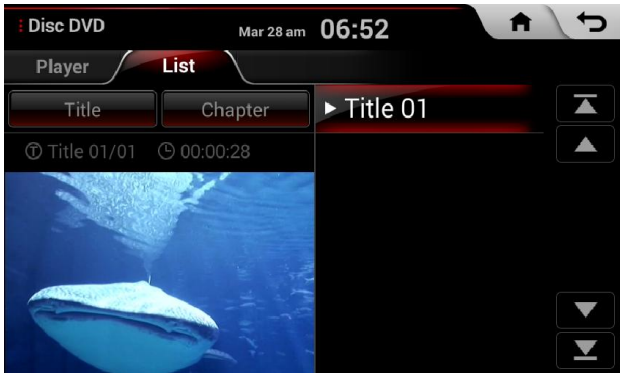
While the [|<<, >>|] button is being pressed, the chapter will rewind or fastforward.

Once released, the chapter will begin playing at normal speed.

Disc DVD

Searching Titles/Chapters

Press the [List] tab to search DVD titles and chapters.



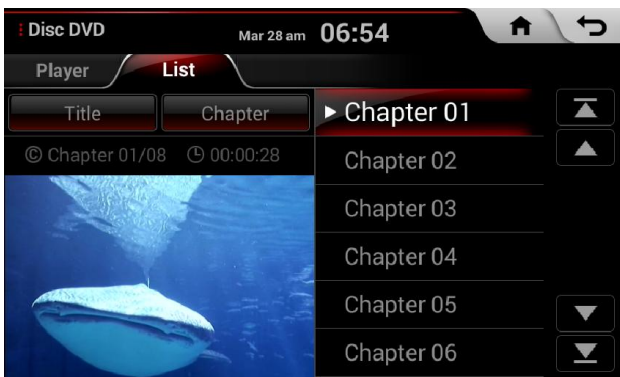
Searching Titles

Press the [Title] ► Turn the TUNE knob ► Search titles
► Once the desired title number is displayed, press TUNE knob.

When searching titles, pressing the TUNE knob will play the title highlighted in red.

Searching Chapters

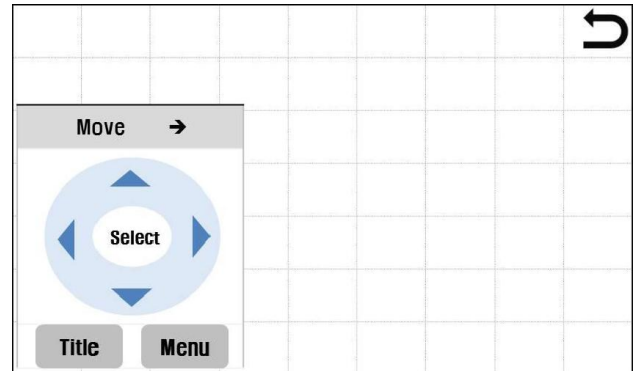
Press the [Chapter] ► Turn the TUNE knob ► Search chapter
► Once the desired chapter number is displayed, press TUNE knob.



When searching chapters, pressing the TUNE knob will play the chapter highlighted in red.

Title/DVD Menu

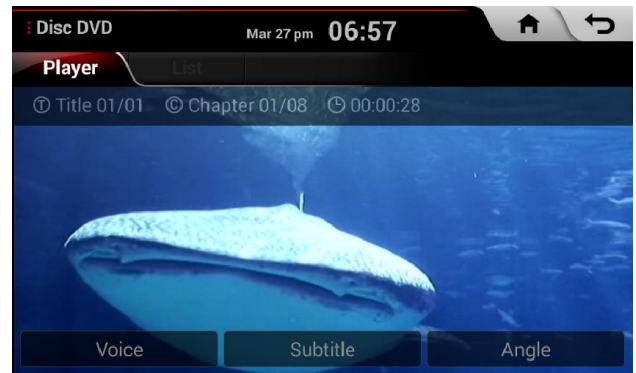
Press the [TMenu] or [Menu].



Push the controller up/down/left/right directions to select the desired menu and press the [Select] button.

Voice Language

Press the [Next] ► Press the [Voice].

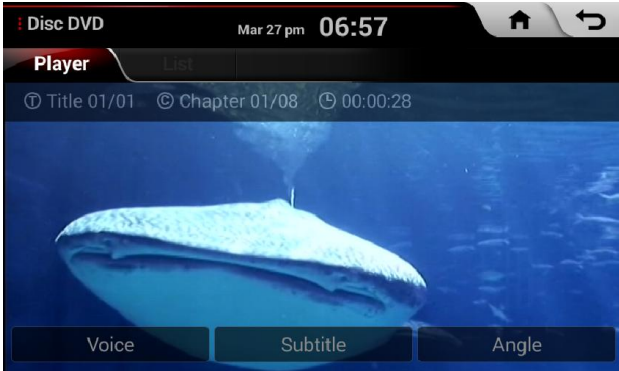


Each time the button is pressed, the voice language is changed in order.

Disc DVD

Subtitle Language

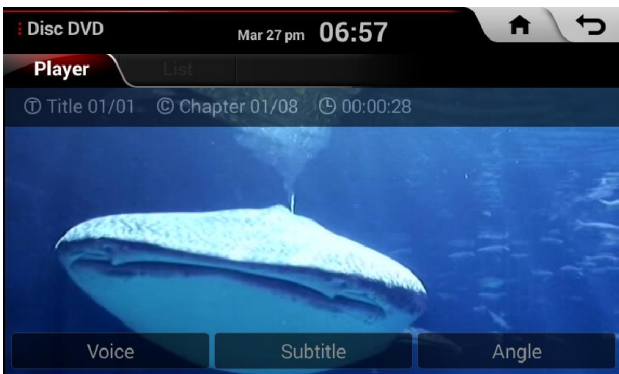
Press the [Next] ► Press the [Subtitle].



Each time the button is pressed, the subtitle language is changed in order.

Angle

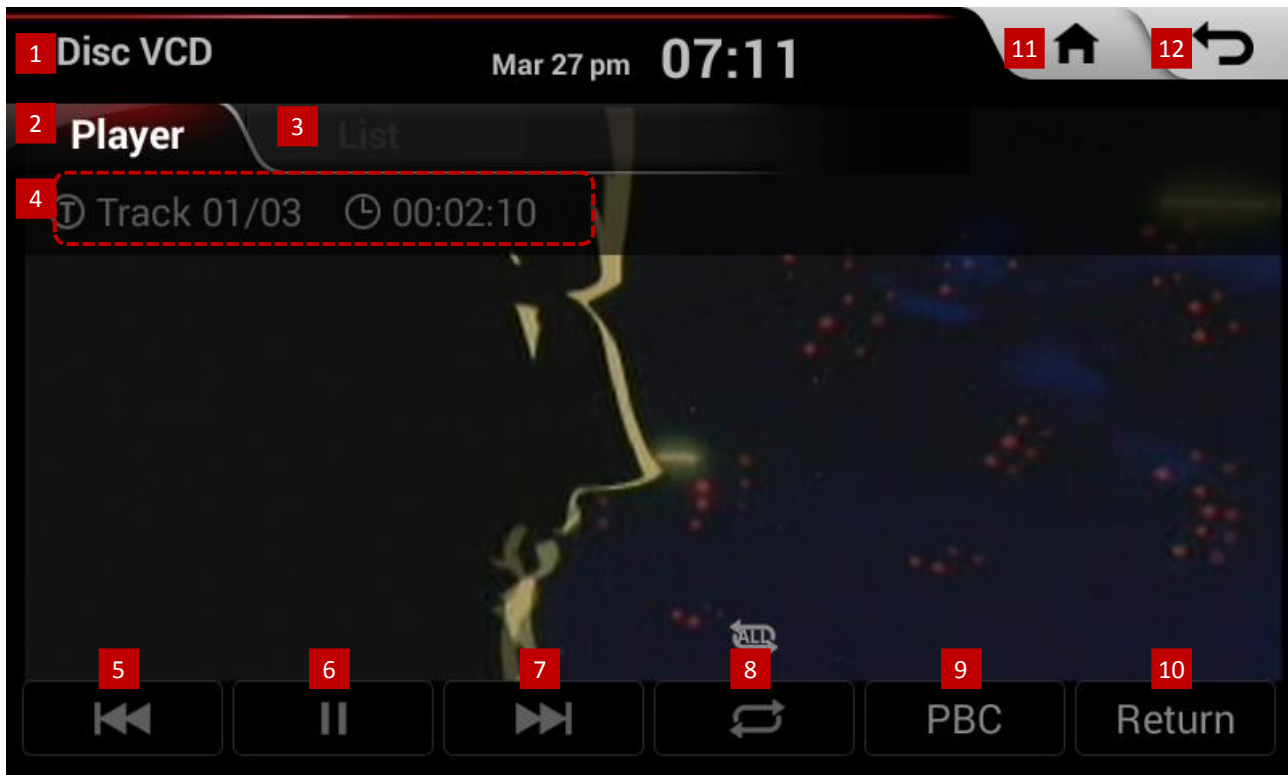
Press the [Next] ► Press the [Angle].



Each time the button is pressed, the angle is changed in order.

Disc VCD

Disc VCD Screen

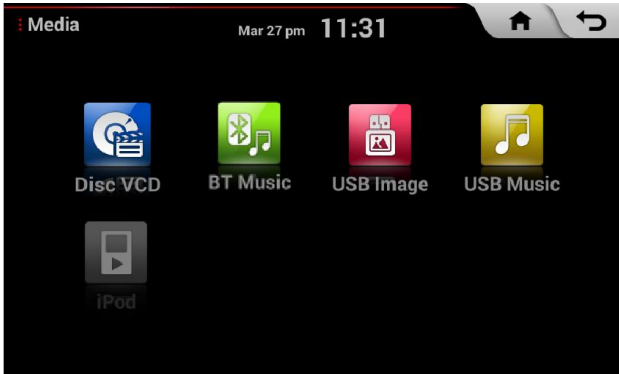


- 1 Mode**
Displays currently operating mode
- 2 Player tab**
This is the main screen in which Disc VCD operates
- 3 List tab**
Moves to the list screen
- 4 Play Track Info**
Shows track number and play time
- 5 Previous Track**
 - **When button is pressed quickly**
-When the play time is under 2 seconds : Moves to the previous track
 - When the play time is over 2 seconds : Plays the current track from the beginning
 - **When button is pressed and held**
Fastrewinds the current track.
- 6 Play/Pause**
Plays/pauses the current track
- 7 Next Track**
 - **When button is pressed quickly**
Moves to the next track
 - **When button is pressed and held**
Fastforwards the current track
- 8 Repeat**
Repeats the current track or all tracks
- 9 PBC**
Moves to PBC screen
- 10 Return**
Moves to previous menu screen
- 11 Home**
Moves to Home screen
- 12 Back button**
Moves to Media screen

Disc VCD

Starting Mode

Press the [HOME] key ► Press the [Media] icon ► Press the [Disc CD].



Selecting VCD Tracks

While playing ► Press the [^ SEEK , TRACK v] key or press the [|<<, >>|] button to select the previous/next track.



i Information

VCD mode will automatically start once a VCD is inserted.

Playing a VCD



Fast-forwarding or Rewinding VCD Tracks

While playing ► Press and hold the [|<<, >>|] button.

While the [|<<, >>|] button is being pressed, the track will rewind or fastforward.

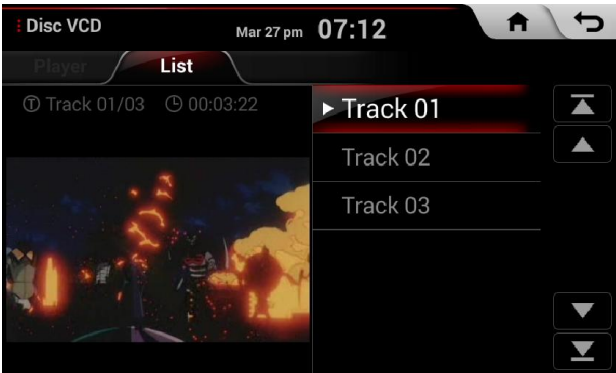
Once released, the track will begin playing at normal speed.

- Press the [▶] button to play the track.
- Press the [||] button to pause the track.

Disc VCD

Searching VCD Tracks

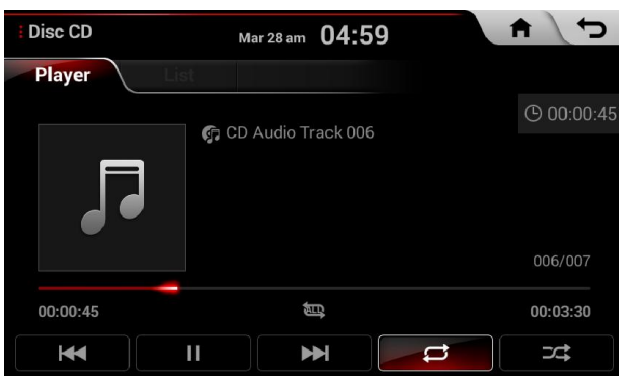
Press the [List] tab ► Turn the TUNE knob ► Search tracks ► Once the desired track number is displayed, press TUNE knob.





When searching files, pressing the TUNE knob will play the file highlighted in red.

Repeat

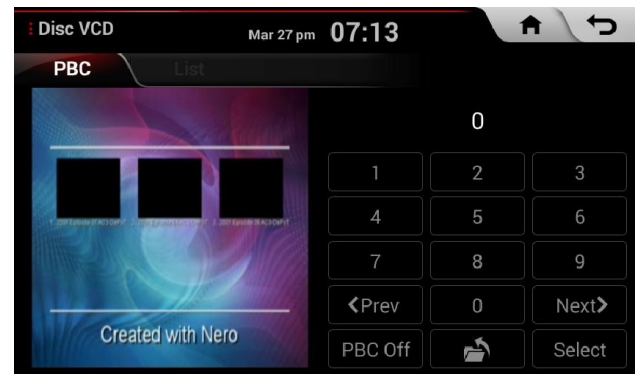
Press the [].



Each time the button is pressed, the option is changed from Repeat all () ► Repeat One ().

PBC

Press the [PBC] to display PBC screen.



Input the page number you want to play ► Press the [Select].

Press the [back] button or [PBC OFF] to move to the Player screen.

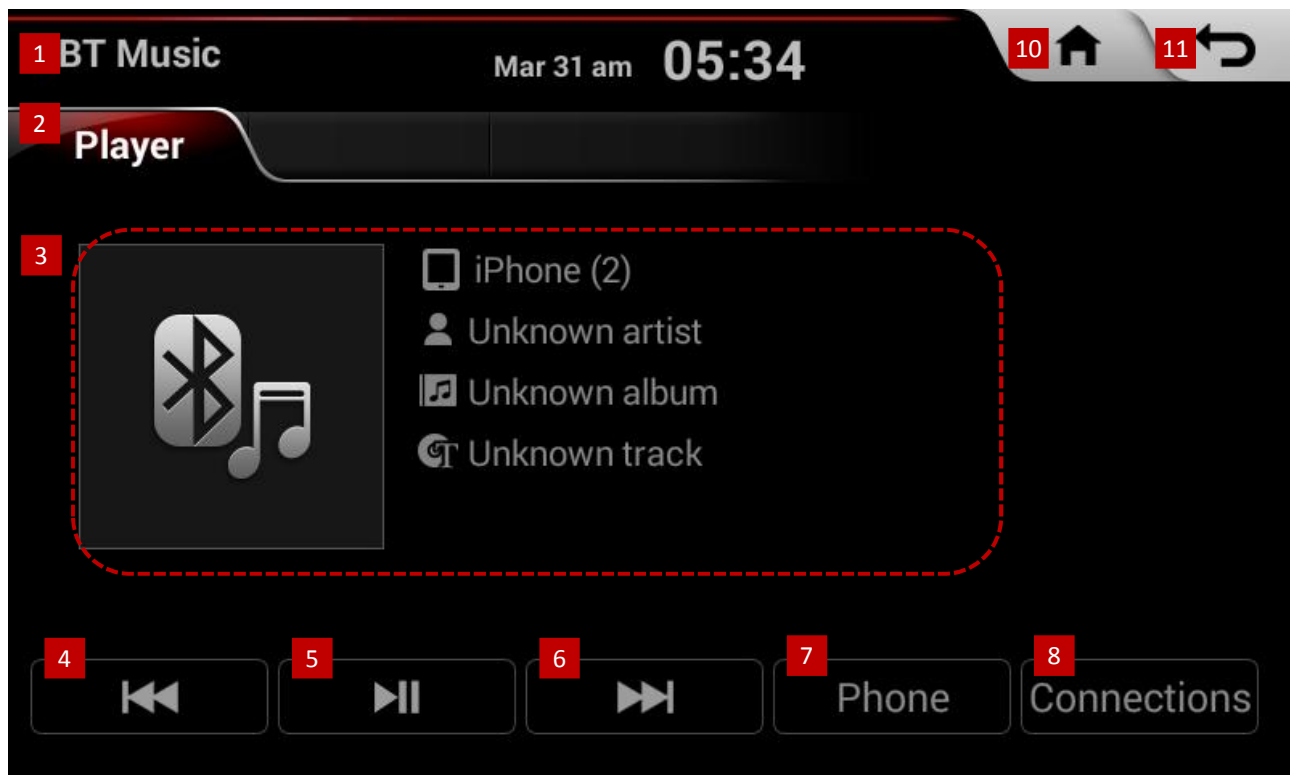
Information

PBC menu only operates with PBC-compatible Video CDs .

Return

Bluetooth Music

Bluetooth Music Screen



1 Mode

Displays currently operating mode

2 Player tab

This is the main screen in which Bluetooth Music operates

3 Play file Info

Shows phone name/file name/artist/album information

4 Previous file

- **When button is pressed quickly**
 - When the play time is under 2 seconds : Moves to the previous file
 - When the play time is over 2 seconds : Plays the current file from the beginning
- **When button is pressed and held**
 - Search the previous file

5 Play/Pause

Plays/pauses the current track

6 Next Track

- **When button is pressed quickly**
 - Moves to the next file
- **When button is pressed and held**
 - Search the next file

7 Phone

Move to Bluetooth Phone screen

8 Connections

Move to Bluetooth Connections screen

12 Home

Moves to Home screen

13 Back button

Moves to Media screen

i Information

The title/artist info may not be supported in some mobile phones

- The play/pause feature may operate differently depending on the mobile phone.

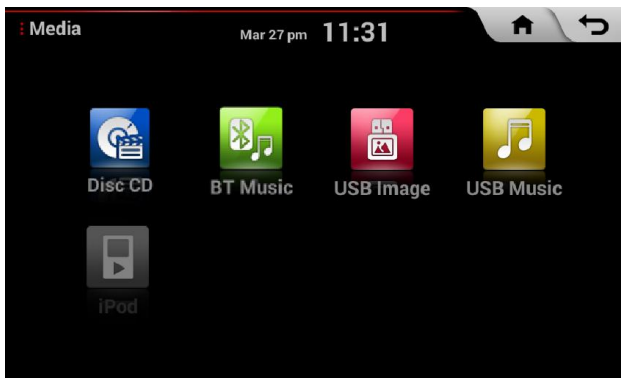
Bluetooth Music

Using Bluetooth® Music Mode

- Bluetooth® Music Mode can be used only when a Bluetooth® phone has been connected.
- While Bluetooth® Music is playing, if the Bluetooth® phone is disconnected, then the music will also stop.
- Bluetooth® streaming audio may not be supported in some mobile phones.

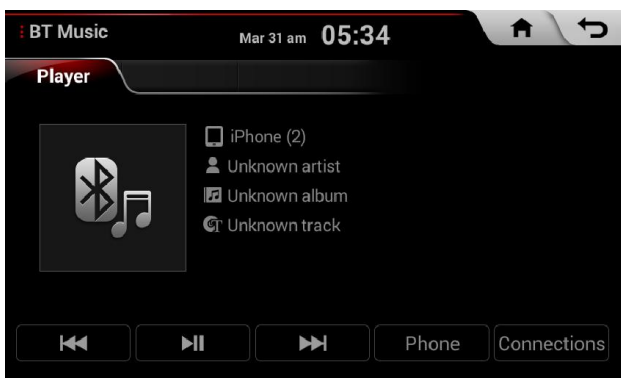
Starting Mode

Press the [HOME] key ▶ Press the [Media] icon ▶ Press the [BT Music].



If the Bluetooth device is not connected, then the USB Image icon will be disabled.

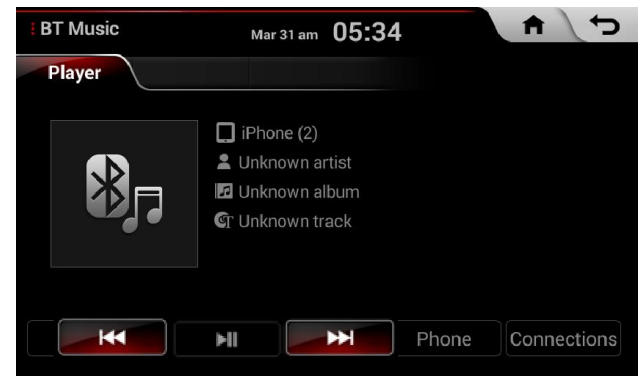
Playing Bluetooth Music



- Press the [▶] button to play the file.
- Press the [||] button to pause the file.

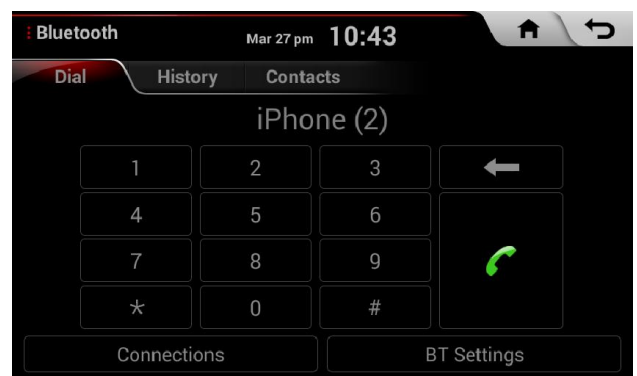
Selecting USB Image files

While playing ▶ Press the [^ SEEK , TRACK v] key or press the [|<<, >>|] button to select the previous/next file.



Switching to Bluetooth Phone mode

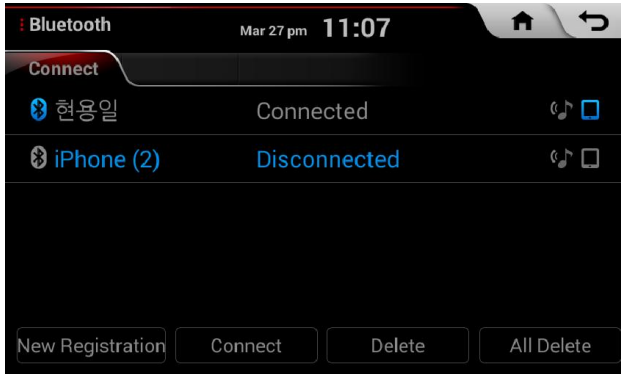
While playing ▶ Press the [Phone] button.



Bluetooth Music

Setting Connection

Press the [Connections] button to add a new Bluetooth® phone, connect/disconnect, delete and delete all.



For details on setting connection, refer to “Bluetooth Connection” page xx.

USB

About USB



CAUTION

- 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 MP3 and WMA format files are not supported.
- For MP3/WMA files, only music files with compression rates between 8Kbps ~ 320Kbps can 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 in some conditions.
- Only products formatted with byte/sectors under 64Kbyte will be recognized.
- This device recognizes USB devices formatted in FAT 12/16/32 as well as NTFS file systems.
- Some USB devices may not be supported due to compatibility issues.
- Avoid contact between the USB connector with bodily parts/foreign objects.
- Repeated connecting/disconnecting of USB devices within short periods of time may result in product malfunction.
- 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. Such differences in required time are not indications of malfunction.
- Please wait until the device fully recognizes the USB devices. The device supports only USB devices used to play music/video/image files.
- 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, or SD Memory.
- The device will not support files locked by DRM (Digital Rights Management.) USB memory sticks used by connecting an Adaptor (SD Type or CF Type) may not be properly recognized. Only use Plug type connector products, as shown in the figure below.

USB

Plug-in type connector



Product Name	Manufacturer
XTICK	LG
BMK	BMK Technology
SKY-DRV	Skydigital
TRANSCEND JetFlash	Transcend
Sandisk Cruzer	SanDisk
Micro ZyRUS	ZyRUS
NEXTIK	Digiworks



Information

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

USB MP3 Information and Precautions

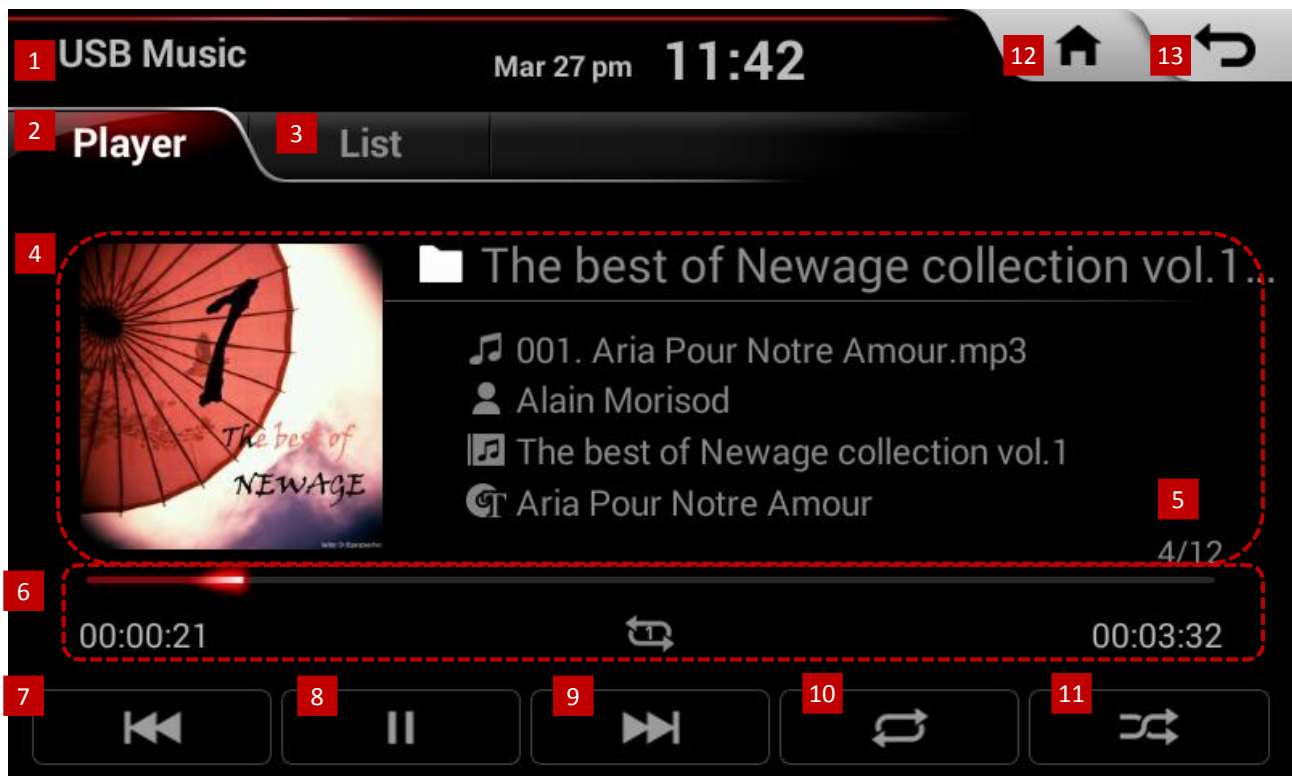
Product Name	Description
MP3 file specification	Specification: MPEG1 AUDIO LAYER3
Recommended bit rates and sampling frequency	Acceptable sampling frequency: 32, 44.1, 48 (KHz)
	Acceptable frequency: 32, 40, 48, 56, 64, 80, 96, 112, 128, 160, 192, 224, 256, 320 (Kbps)
	96, 128, 192 Kbps fixed bit rate/44.1KHz
ID3 Tag	Supports ID3v1.0 and ID3v1.1, ID3v2.2, ID3v2.3, ID3v2.4 ID3 tags
Detailed Specifications	<p>Maximum directory layers: 20 layers</p> <p>Maximum length of folder name/file name: 255Bytes</p> <p>Supported characters for folder name/file name:</p> <p>Alphanumeric characters, Korean standard character set 2350 characters, Simplified Chinese 4888 characters</p> <p>Maximum number of folders which can be stored onto one USB: 2000 folders (including ROOT)</p> <p>Maximum number of files which can be stored onto one USB: 8000</p>

Video and Image Specification (USB/Jukebox)

Product Name	Description
Image Format	JPG, BMP, GIF, PNG
Image Resolution	4,000 x 3,000 max/5MBytes
Unsupported File	<ul style="list-style-type: none"> Files with unsupported specifications Format modified files (Files with modified file formats) Among AVI files, those encoded through H.264, MJPEG, H.263 Files without indexes Files those exceeds supported bit rate range(3Mbps), WMV(0.7Mbps) High resolution file may operate abnormally or not properly play

USB Music

USB Music Screen



1 Mode

Displays currently operating mode

2 Player tab

This is the main screen in which USB Music operates

3 List tab

Moves to the list screen

4 Play file Info

Shows file name/folder/artist/album/ genre information

5 File Index

Shows the current file/total files

6 Play time

Displays the current play time and total play time

7 Previous file

- **When button is pressed quickly**
 - When the play time is under 3 seconds : Moves to the previous file
 - When the play time is over 3 seconds : Plays the current file from the beginning
- **When button is pressed and held**
Search the previous file

8 Play/Pause

Plays/pauses the current track

9 Next file

- **When button is pressed quickly**
Moves to the next file
- **When button is pressed and held**
Search the next file

10 Repeat

Repeats the current track/all tracks/folder

11 Shuffle

Turns Shuffle feature on/off

12 Home

Moves to Home screen

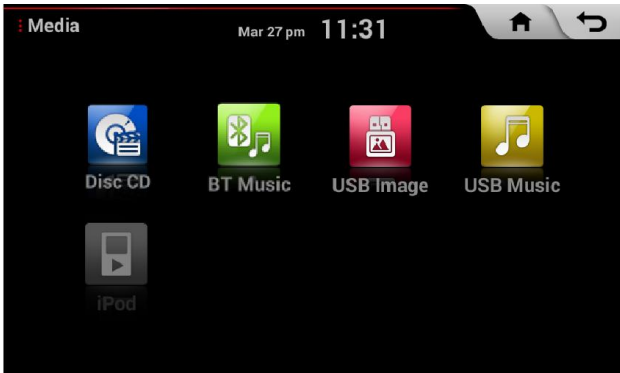
13 Back button

Moves to Media screen

USB Music

Starting Mode

Press the [HOME] key ► Press the [Media] icon ► Press the [USB Music].

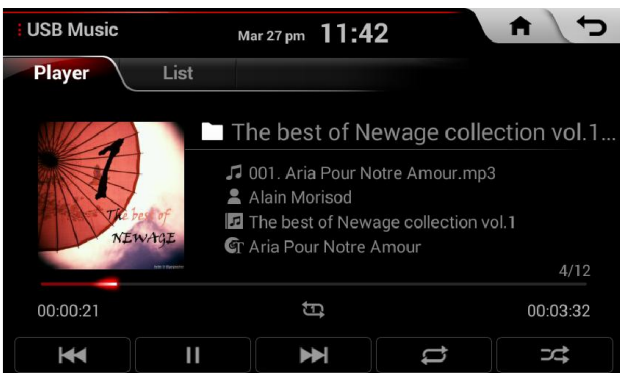
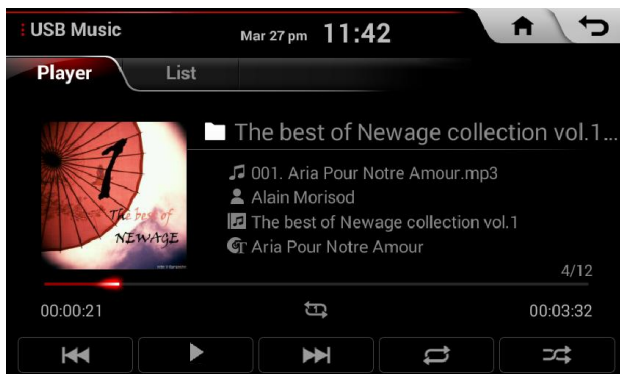


If the USB is not connected, then the USB Music icon will be disabled.

i Information

USB mode will automatically start once a USB is connected.

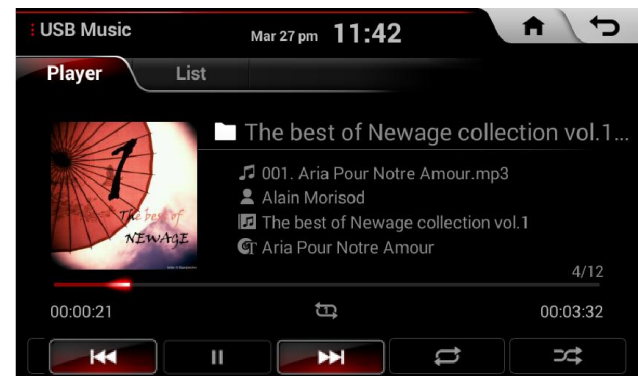
Playing USB Music



- Press the [▶] button to play the file.
- Press the [||] button to pause the file.

Selecting USB Music files

While playing ► Press the [^ SEEK , TRACK v] key or press the [|<<, >>|] button to select the previous/next file.



Press and hold the [^ SEEK , TRACK v] key or press the [|<<, >>|] button to search the previous/next file quickly.

While the [^ SEEK , TRACK v] key or [|<<, >>|] button is being pressed, the file name is displayed in red. Once released, the track you select will begin playing.

Fast-forwarding or Rewinding USB Music files

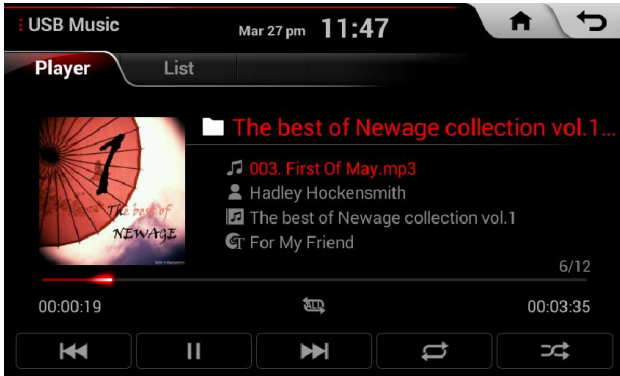
While playing ► Drag or touch the slider along the play bar in the music screens to jump to the point that you want to play from.

USB Music

Searching USB Music files

Searching from the Player Screen

Turn the TUNE knob ▶ Search files ▶ Once the desired file name is displayed, press the TUNE knob.



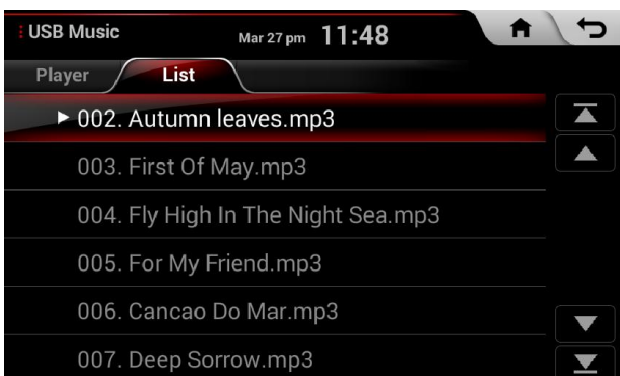
When searching files, the file name is displayed in red. Pressing the TUNE knob will play the corresponding file.

i Information

If the TUNE knob is not pressed within 5 seconds of searching files, the file info for the current file is restored.

Searching from the UBS Music List Screen

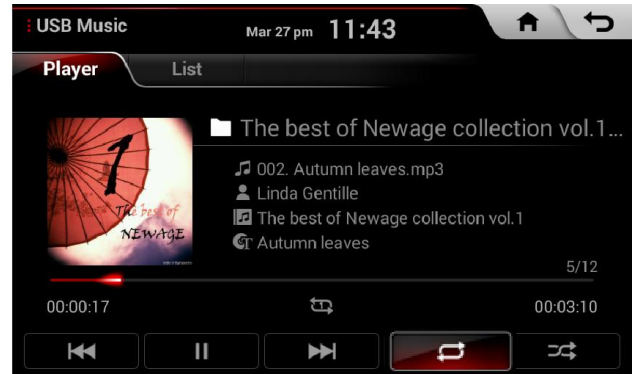
Press the [List] tab ▶ Turn the TUNE knob ▶ Search files ▶ Once the desired file is displayed, press TUNE knob.






When searching files, pressing the TUNE knob will play the file highlighted in red.

Repeat

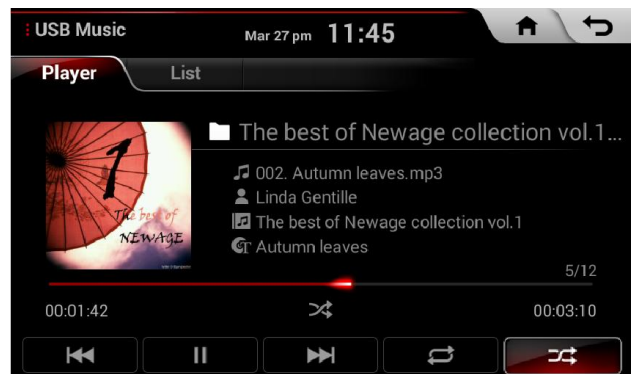
Press the [].





Each time the button is pressed, the option is changed from Repeat all () ▶ Repeat Folder ( RPT) ▶ Repeat One ().

Shuffle

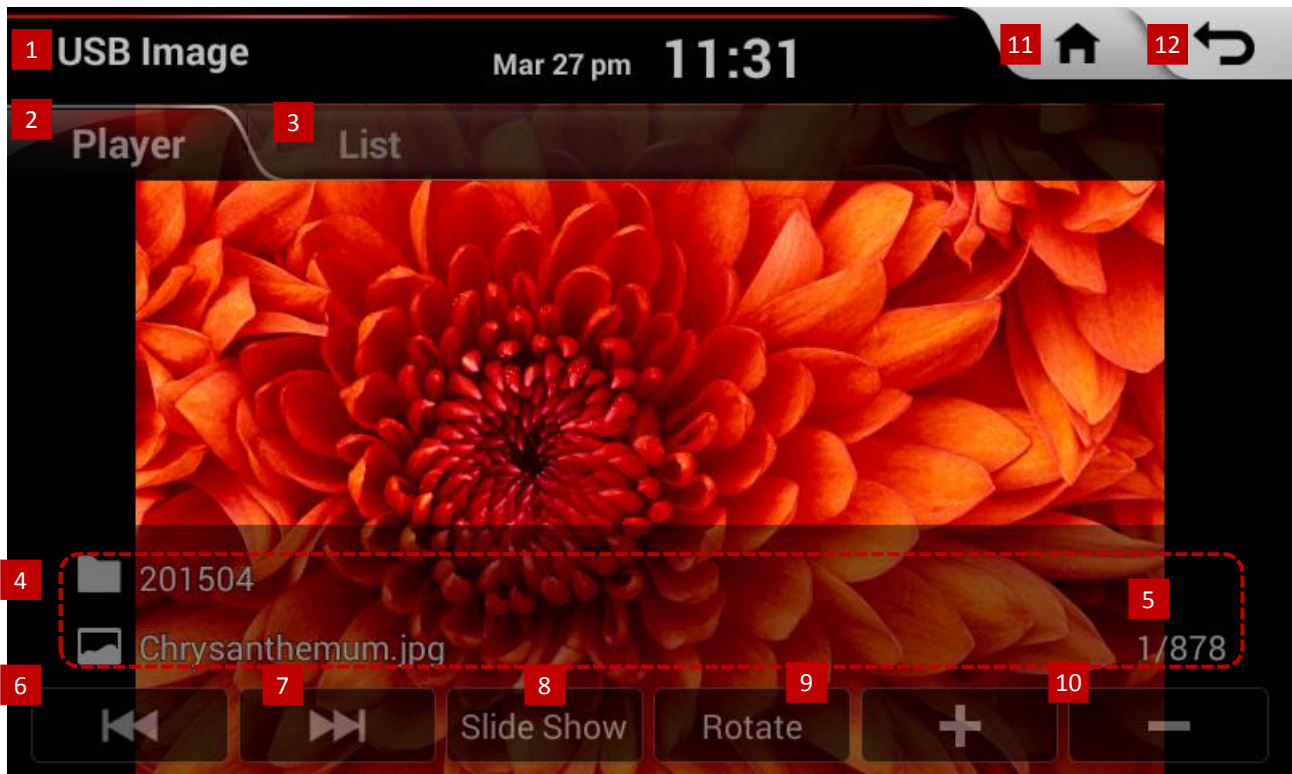
Press the [].



Each time the button is pressed, the option is changed from Shuffle On () ▶ Shuffle Folder ( RDM) ▶ Shuffle Off.

USB Image

USB Image Screen

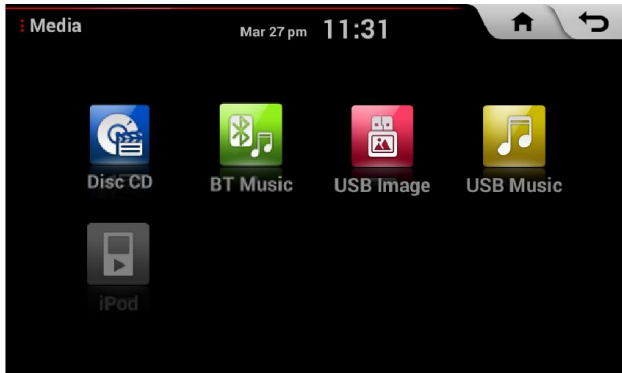


- 1 Mode**
Displays currently operating mode
- 2 Player tab**
This is the main screen in which USB Image operates
- 3 List tab**
Moves to the list screen
- 4 Play file Info**
Shows file name/folder/index information
- 5 File Index**
Shows the current file/total files
- 6 Previous Image**
Shows previous image
- 6 Next Image**
Shows next image
- 7 Slide Show**
View images as slideshow in 5, 10, 20, 30 second intervals
- 9 Zoom In/Out**
Enlarges/reduces image (zoom in/out)
- 10 Home**
Moves to Home screen
- 11 Back button**
Moves to Media screen

USB Image

Starting Mode

Press the [HOME] key ▶ Press the [Media] icon ▶ Press the [USB Image].



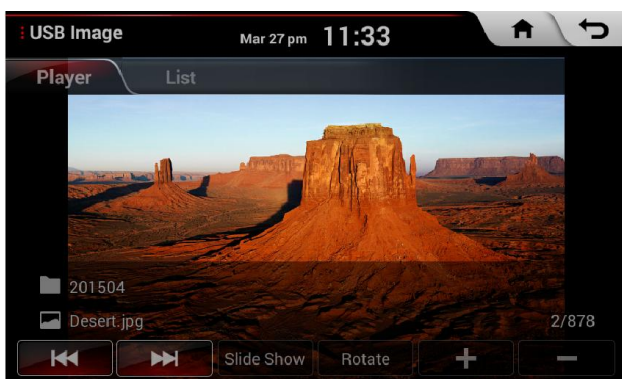
If the USB is not connected, then the USB Image icon will be disabled.

i Information

USB mode will automatically start once a USB is connected.

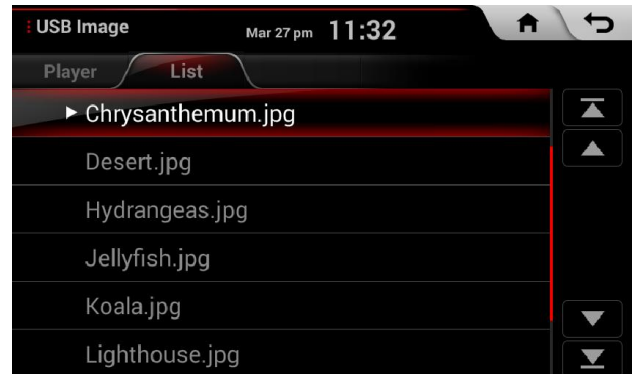
Selecting USB Image files

While playing ▶ Press the [<<, >>] button to view the previous/next file.



Searching from the UBS Image List Screen

Press the [List] tab ▶ Flick the lists or Press [▲, ▼] buttons ▶ Search files ▶ Once the desired file is displayed, press the file name.



Slide Show

Press the [Slide Show] ▶ Press the Show time.

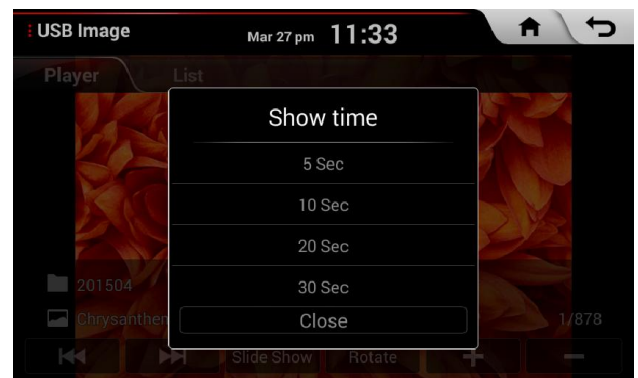
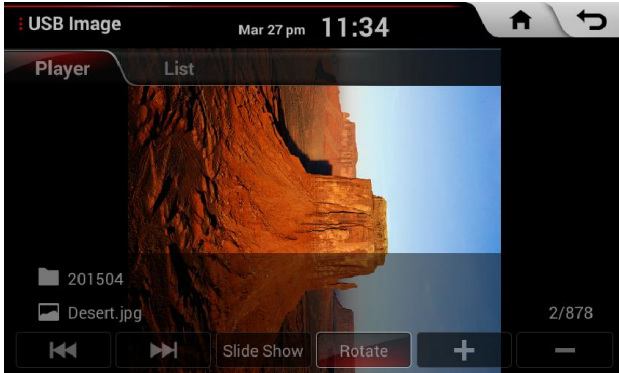


Image slide show intervals can be set at 5sec , 10sec , 20sec , or 30sec intervals.

USB Image

Rotate

Press the [Rotate].



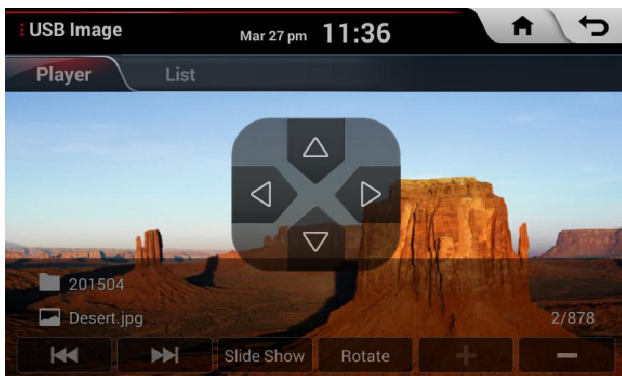
Each time the Rotate button is pressed, the image is rotated from 0° → 90° → 180° → 270° degrees.

i Information

- The image will be restored to its original position when returning to it after viewing a different image.

Adjusting Image Size

Press the [+ , -].



The scale can be changed to **x1/4, x1/2, x1, x2, x4**.

Press the [\triangle ∇ \triangleleft \triangleright] to move the screen.

iPod

Using iPod Devices

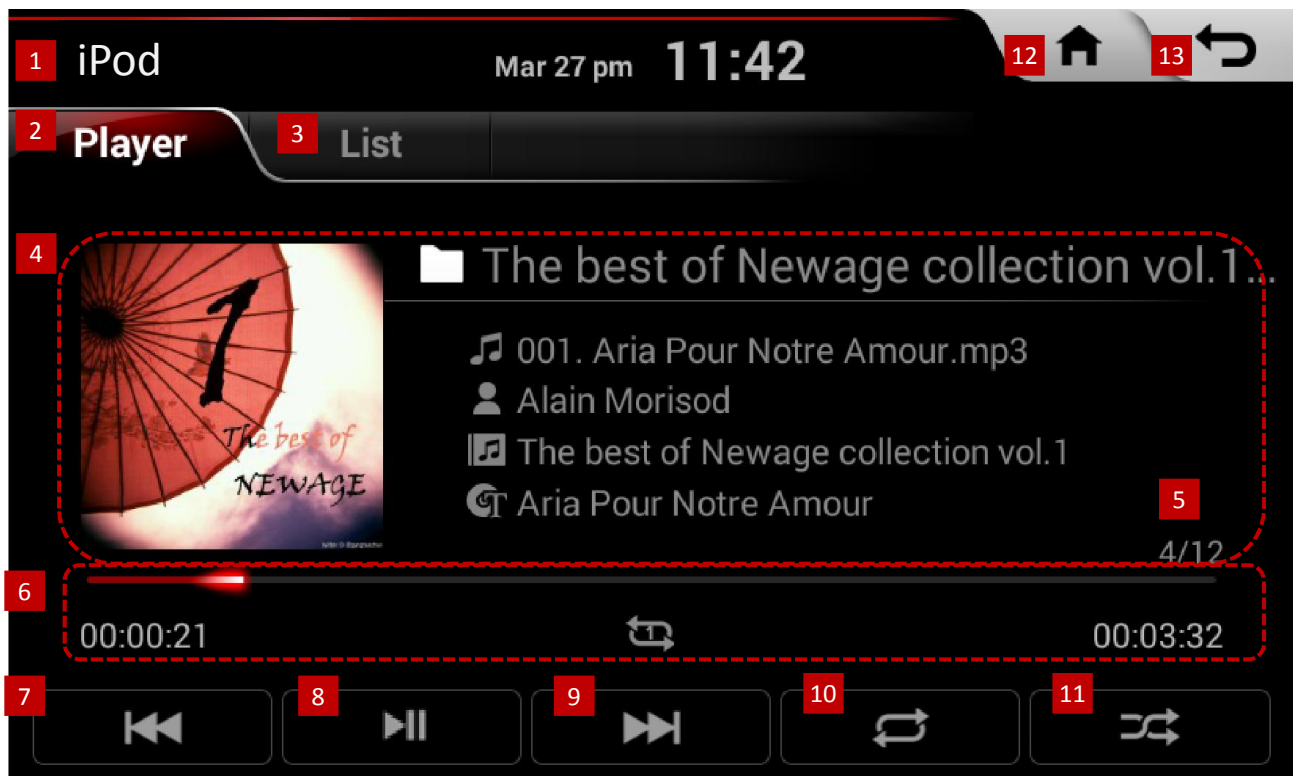


CAUTION

- 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 in the Audio Video Navigation system.
- For fifth generation iPod Nano devices, the iPod may not be recognized when the battery level is low. Please charge the iPod for use.
- Search/play orders shown within the iPod device may differ with the orders shown within the Audio Video Navigation 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)
- 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 is connected, this problem occurs as the sound source is changed from the Dock Connector (USB connector cable) to Bluebird (Audio Video Navigation Bluetooth® Module).
- To listen to the iPod sound, re-connect the USB cable or exit then re-enter iPod mode.
- 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 products), 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.
- Within iPhones, streaming audio and iPod control may occasionally conflict. If problems persist, remove the iPhone and connect again.
- Some iPod versions may not sync with the system. then the system may not properly restore the previously operated mode. (For iPads, battery charging is not supported.)
- Applications that are not exclusively used as iPod Applications within iPhone/iPod devices are not supported.

iPod

iPod Screen

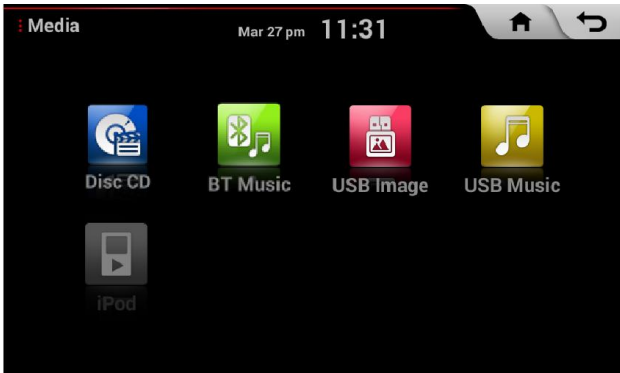


- 1 Mode**
Displays currently operating mode
- 2 Player tab**
This is the main screen in which iPod Music operates
- 3 List tab**
Moves to the list screen
- 4 Play file Info**
Shows file name/folder/artist/album information
- 5 File Index**
Shows the current file/total files
- 6 Play time**
Displays the current play time and total play time
- 7 Previous file**
 - **When button is pressed quickly**
-When the play time is under 3 seconds : Moves to the previous file
 - When the play time is over 3 seconds : Plays the current file from the beginning
 - **When button is pressed and held**
Search the previous file
- 8 Play/Pause**
Plays/pauses the current track
- 9 Next file**
 - **When button is pressed quickly**
Moves to the next file
 - **When button is pressed and held**
Search the next file
- 10 Repeat**
Repeats the current track/all tracks/folder
- 11 Shuffle**
Turns Shuffle feature on/off
- 12 Home**
Moves to Home screen
- 13 Back button**
Moves to Media screen

iPod

Starting Mode

Press the [HOME] key ► Press the [Media] icon ►
Press the [iPod].



If the iPod is not connected, then the iPod icon will be disabled.

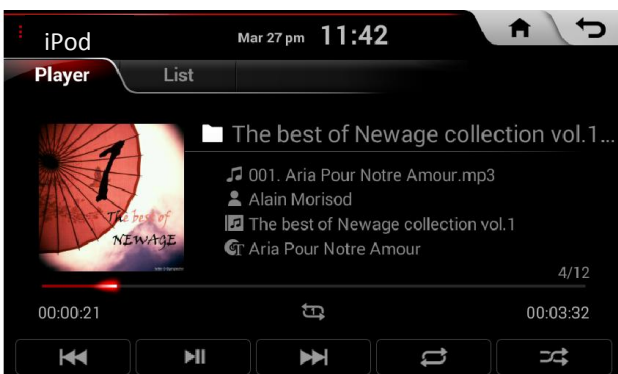
i Information

USB mode will automatically start once a USB is connected.

Note

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

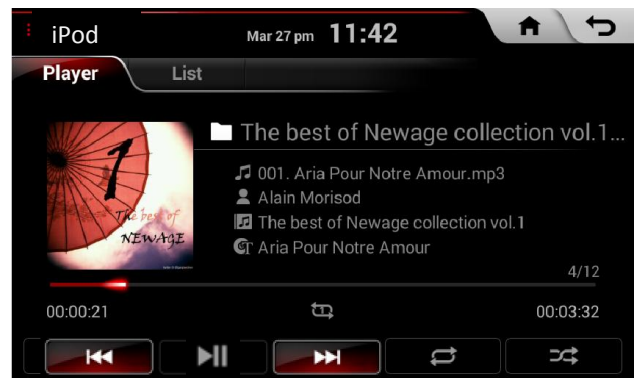
Playing iPod Music



- Press the [►] button to play the file.
- Press the [||] button to pause the file.

Selecting USB Music files

While playing ► Press the [^ SEEK , TRACK v] key or
press the [|<<, >>|] button to select the previous/next
file.



iPod

Searching USB Music files

Press the [List] tab ▶ Turn the TUNE knob ▶ Search files ▶ Once the desired file is displayed, press TUNE knob.

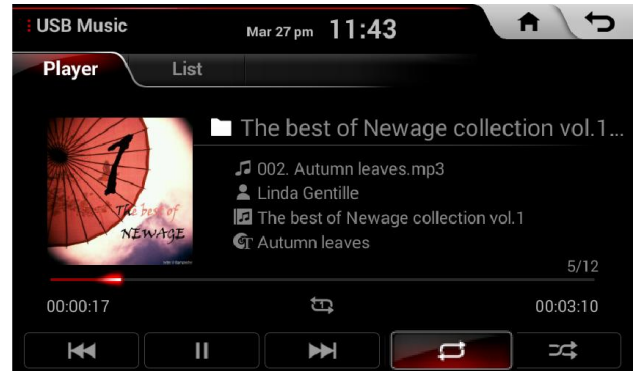
iPod		Oct 2 am 06 : 30			
Player	List				
Playlist	연애				▲
Artists	누구나 비밀은 있다 (feat. 가인 of Br...				
Albums	입술 사이 (50cm)				001 / 005
Genres	분홍신				
Songs	Modern Times				
	싫은 날				▼



When searching files, pressing the TUNE knob will play the file highlighted in red.

Search tracks by list type. Search for songs according to Playlist, Artist, Song, Album and Genre.

Repeat

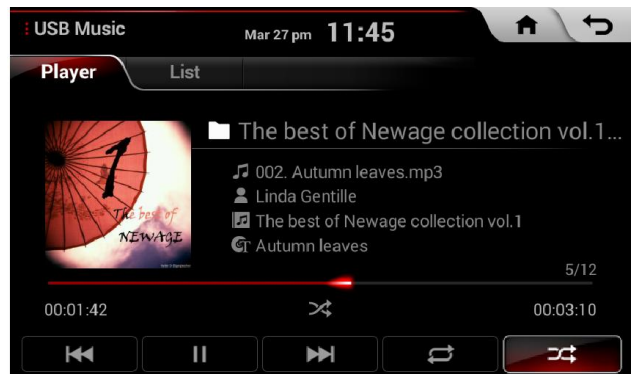
Press the [].




Each time the button is pressed, the option is changed from Repeat all () ▶ Repeat One ().

Shuffle

Press the [].



Each time the button is pressed, the option is changed from Shuffle On () ▶ Shuffle Off.

Using Bluetooth

**Before Using Bluetooth® Hands-free
Bluetooth Connection
Bluetooth Phone**

Before Using Bluetooth® Hands-free

What is Bluetooth® Wireless Technology?

- Bluetooth® refers to a short-distance wireless networking technology which uses a 2.45GHz frequency to connect various devices within a certain distance.
- Supported within PCs, external devices, Bluetooth® phones, PDAs, various electronic devices, and automotive environments, Bluetooth® allows data to be transmitted at high speeds without having to use a connector cable.
- Bluetooth® Handsfree refers to a device which allows the user to conveniently make phone calls with Bluetooth® mobile phones through the multimedia system.
- Bluetooth® Handsfree may not be supported in some mobile phones.

What is Bluetooth® Wireless Technology?

- 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 and receive calls and use contacts. Before using Bluetooth®, carefully read the contents of this user's manual.
- Excessive use or operations while driving may lead to negligent driving practices and result in accidents. Refrain from excessive operations 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 when connecting a 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 to searching/connecting with the Head unit.
- If you do not want automatic connection with your Bluetooth® device, turn the Bluetooth® feature off on the Bluetooth® device.
- Park the vehicle when connecting the head unit to the mobile phone.
- Bluetooth® connection may be intermittently disconnected on some mobile phones. Follow these steps to try again.
 1. Turn the Bluetooth® function within the mobile phone OFF/ON and try again.
 2. Turn the mobile phone power OFF/ ON and try again.
 3. Completely remove the mobile phone battery, reboot and try again.
 4. Reboot the Multimedia System and try again.
 5. Delete all paired devices from both phone and Head Unit and try again
- The Hands-free call volume and quality may differ depending on the mobile phone.
- Pairing Bluetooth® devices and use of other Bluetooth® features are not supported when the vehicle is in motion. For safety, please first stop your vehicle.
- When downloading contacts, anything not described within this user manual may be related to the mobile device. In this case, please enquire with the mobile phone manufacturer.

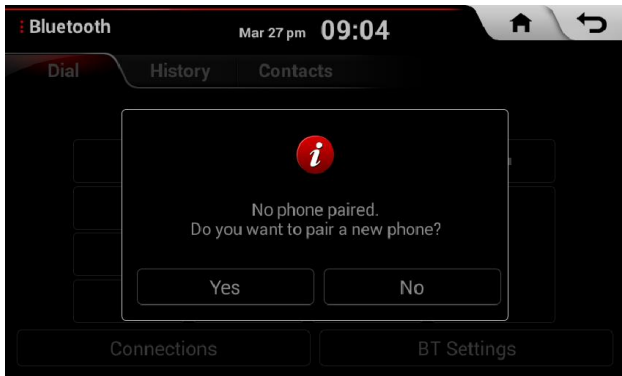
Bluetooth Connection

Pairing and Connecting a Phone

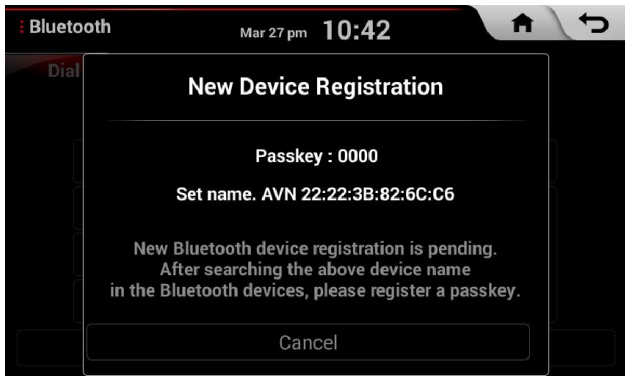
Before you can use the Bluetooth feature, you must first pair/connect your mobile phone to your car. Up to 5 Bluetooth devices can be paired. Only one Bluetooth device can be connected at a time.

When no phones have been paired

Press the [HONE] key ▶ Press the [Phone] icon ▶ Press the [Yes] button ▶ Pair your car after your mobile phone detects the Bluetooth device ▶ Enter the passkey or accept the authorization pop-up ▶ Connect Bluetooth.



1



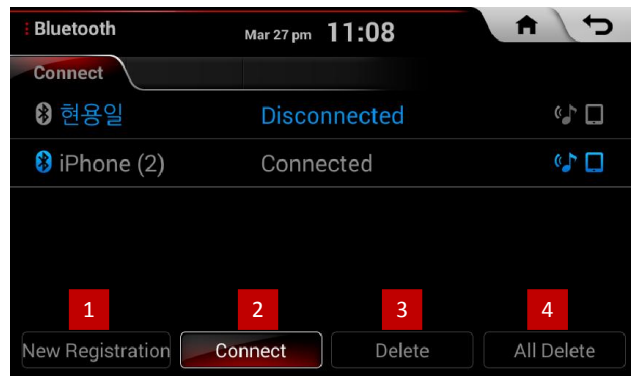
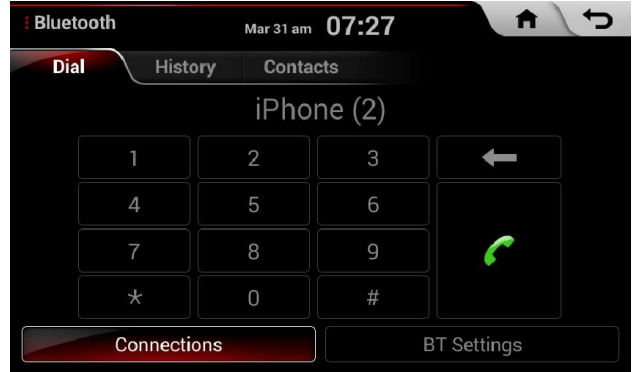
The default passkey is 0000.
 The device name above is an example.
 Check the actual information on the product.

i Information

- To learn more about searching from Bluetooth® devices and pairing, refer to the user's manual for your Bluetooth® device.
- Bluetooth® devices cannot be paired when the vehicle is in motion. first park the vehicle to pair a Bluetooth® device.

When a phone is already paired

Press the [HONE] key ▶ Press the [Phone] icon ▶ Press the [Connections] button.



Select the Phone name you want to connect ▶ Press the [Connect] button.

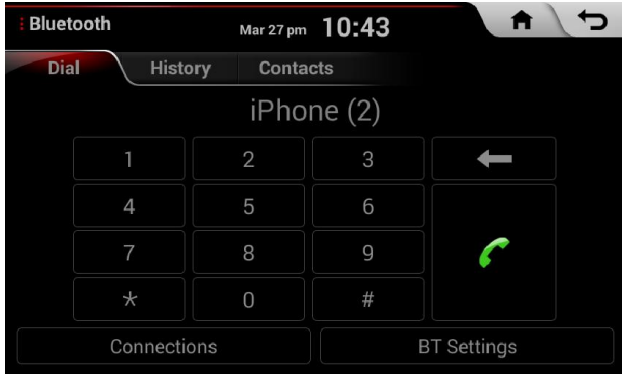
If the phone you want to connect does not exist, Press the [New Registration] button to pair a new Bluetooth® device.

Name	Description
1 New Registration	Pair a new Bluetooth® device
2 Connect	Connect a Bluetooth® device
3 Delete	Delete a paired Bluetooth® device
4 Delete All	Delete all paired Bluetooth® device

Bluetooth Connection

When your phone is connected

Press the [HONE] key ► Press the [Phone] icon to display the following screen.

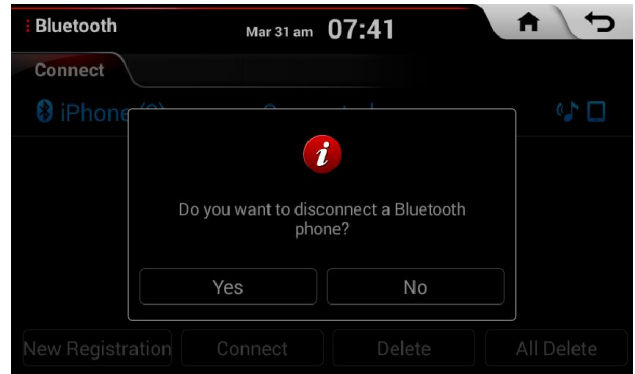


Note

- Once Bluetooth connection is successful, the name of the connected mobile phone will be displayed on the phone screen and Bluetooth handsfree functions will be ready to be operated.
- Some functions may not be supported due to limited Bluetooth compatibility between the car system and mobile phone.

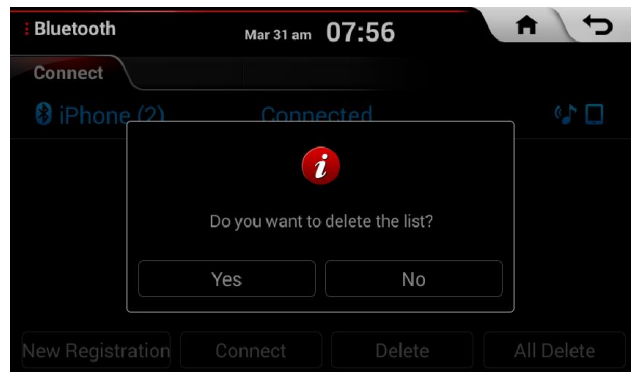
Disconnecting a Device

Press the [HONE] key ► Press the [Phone] icon ► Press the [Connections] button ► Select the Phone name you want to disconnect ► Press the [YES].



Delete a Device

Press the [HONE] key ► Press the [Phone] icon ► Press the [Connections] button ► Select the Phone name you want to delete ► Press the [YES].



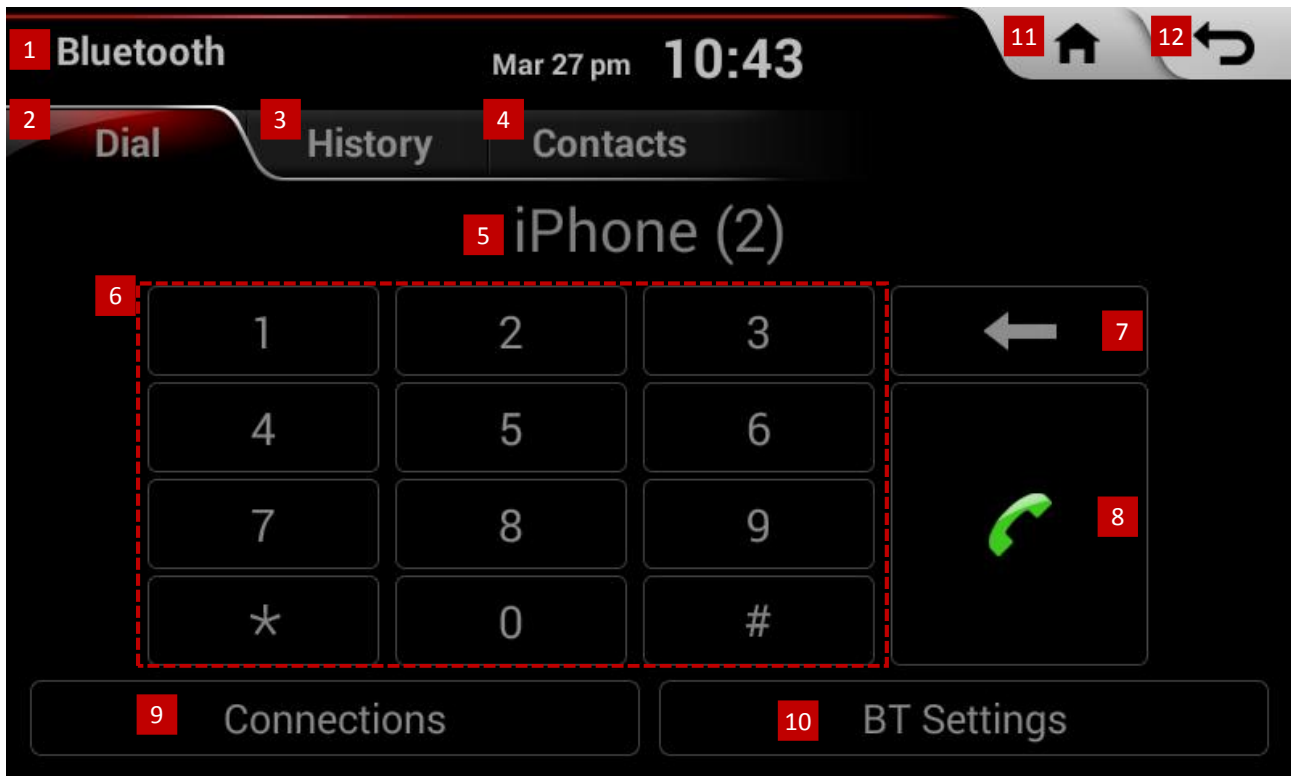
Press the [Delete All] button to delete all paired Bluetooth® device.

Information

If a paired phone is deleted, the call history and contacts will also be deleted

Bluetooth Phone

Bluetooth Phone Screen



1 Mode

Displays currently operating mode

2 Dial tab

This is the main screen in which Bluetooth Phone operates

3 History tab

Moves to the History screen

4 Contacts tab

Moves to the Contacts screen

5 Phone name

Shows the current file/total files

6 Dial Pad

Used to enter the phone number
Press and hold 1 ~ 9 to connect to the speed dial saved within the mobile phone

7 Delete

Deletes entered numbers one digit at a time

8 Send

Calls the number has been entered

9 Connections

Displays the Bluetooth® device Connections screen

10 BT Settings

Displays the Bluetooth Setting screen

11 Home

Moves to Home screen

12 Back button

Moves to Media screen

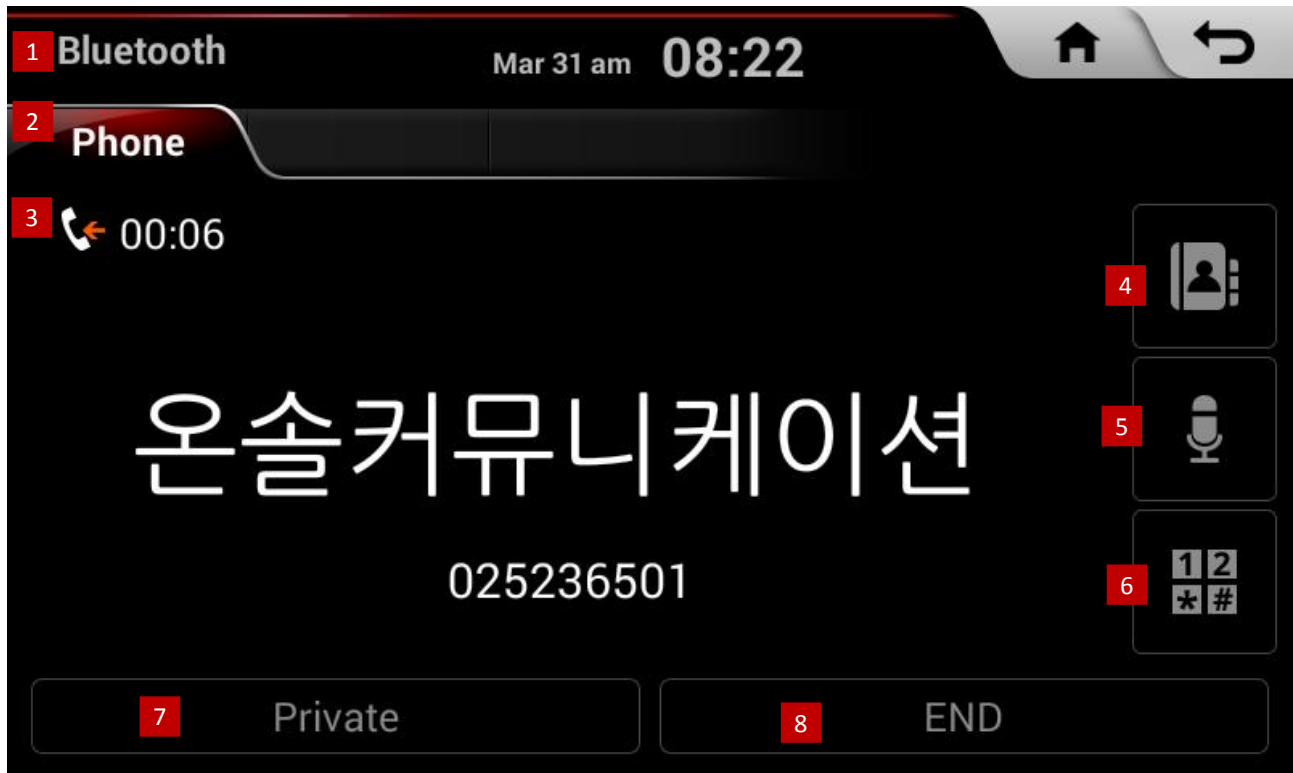
i

Information

- The mobile phone battery and signal strength icons may not be supported in some mobile phones.
- The remaining battery level displayed on your mobile phone battery icon may slightly differ with the device display.
- The speed dial feature may not be supported in some mobile phones.

Bluetooth Phone

During a Call



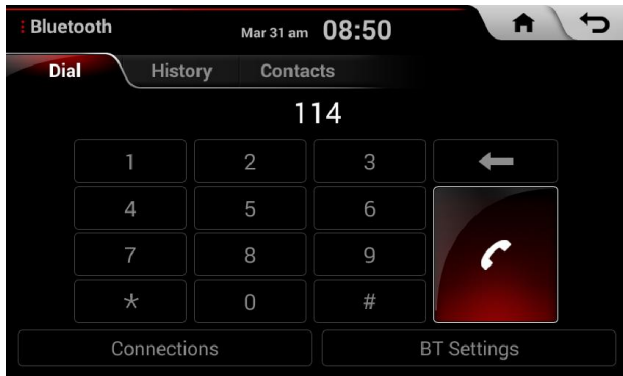
- 1 Mode**
Displays currently operating mode
 - 2 Phone tab**
This is the main screen during a call
 - 3 Info Display Window**
Displays other party's name/number
 - 4 Contacts**
Displays the Contacts screen
 - 5 Outgoing Vol.**
Adjusts outgoing volume during calls
Sets call volume as heard by the other party (Levels 0~6)
The outgoing volume may be heard differently depending on the connected Bluetooth® device
 - 6 Dial Pad**
Displays the dial pad
 - 7 Private**
During a handsfree call, this function is used to switch the call to the mobile phone
Upon switching the call to Private, the vehicle mic and speaker will turn off to allow a private conversation through the mobile phone
 - 8 END**
Ends call
- i Information**
The telephone number may not be displayed in some mobile phones.

Bluetooth Connection

Making a Call

Calling by Dialing a Number

Enter number on the Dial Pad ▶ Press the .

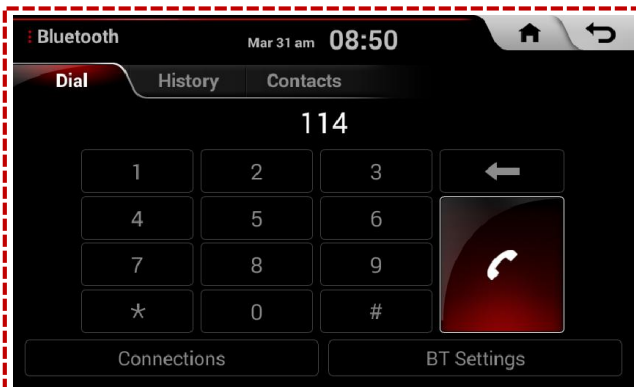


Information

Most Audio and Setup mode features will not operate during a Bluetooth® handsfree call. Only the call volume and Navigation mode screen can be operated.

Making a Call from Speed Dial

Enter the 1 or 2 digit speed dial number with the Dial Pad ▶ Press and hold the last number.

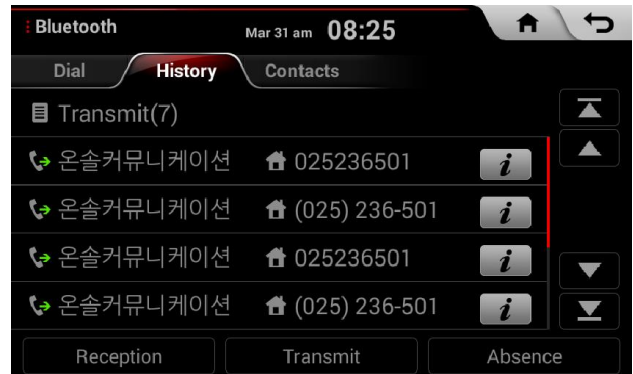


Information

- For speed dials saved within mobile phones, up to 2 digits are supported.
- Saving or changing speed dial numbers through the head unit is not supported.

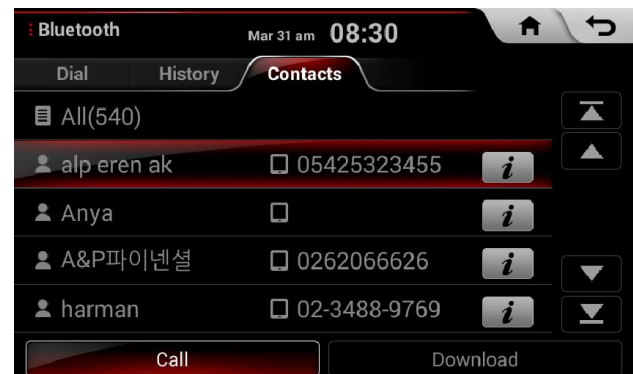
Making a Call from Call History

Within the Phone screen, press the [History] button ▶ Press and hold contact from the Call History.



Making a Call from Contacts

Within the Phone screen, press the [Contacts] button ▶ Press contact from the Contacts ▶ Press [Call]



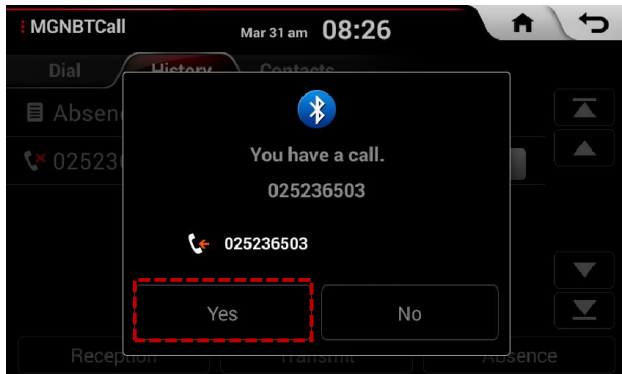
Information

- Calling through the contacts is not possible when there is no contacts or the Bluetooth® phone has not been connected.
- Within the Contacts screen, press the Download button to download the contacts saved in your mobile phone into the vehicle.
- For more information on downloading contacts, refer to the "Contacts ▶ Downloading contacts" section.

Bluetooth Connection

Answering a Call

Incoming call notice ▶ Press the [Yes] button.



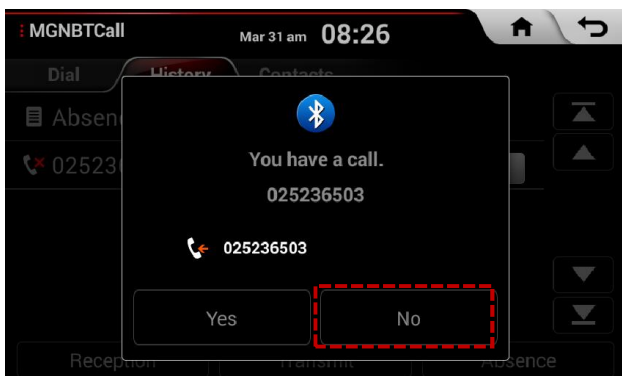
When a call is received on the connected phone, the bell will sound and the phone number of the other party will be displayed on the incoming call pop-up, as shown here.

i Information

- When the incoming call pop-up is displayed, most functions within AV mode will not operate.
- The telephone number may not be displayed in some mobile phones.

Rejecting a Call

Incoming call notice ▶ Press the [No] button .



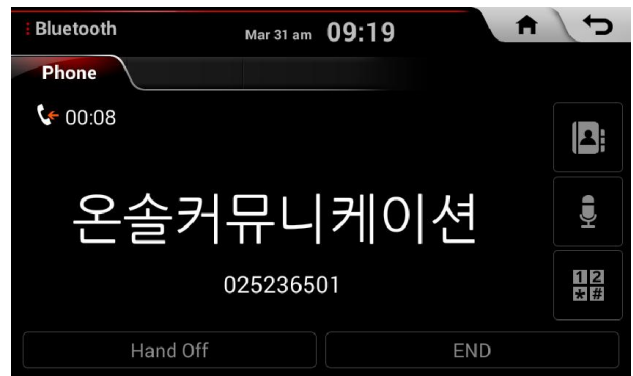
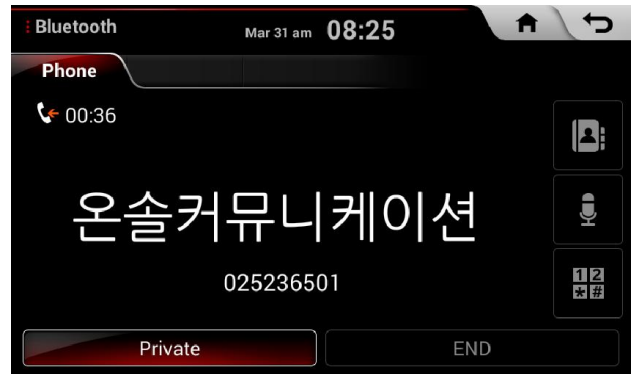
i Information

- The reject call function may not be supported in some mobile phones.

Operating features during a Call

Switching Call to Bluetooth® Phone

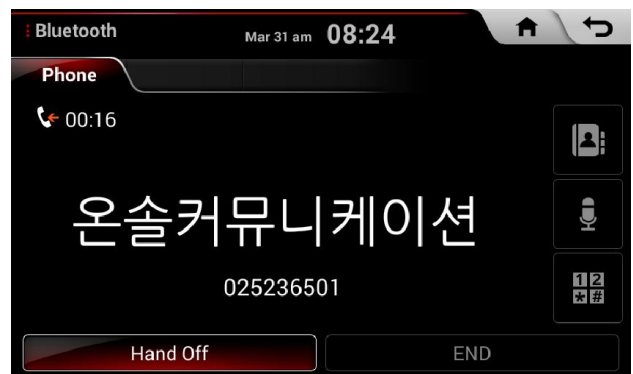
During Handsfree call ▶ Press the [Private].



The call will be switched from the handsfree to the Bluetooth® mobile phone.

Switching Call to Handsfree

During call on mobile phone ▶ Press the [Hand Off].

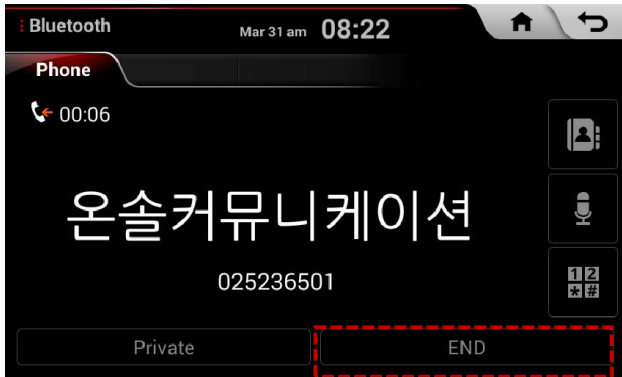


The call will be switched from the Bluetooth® mobile phone to the car handsfree.

Bluetooth Connection

Ending a Call

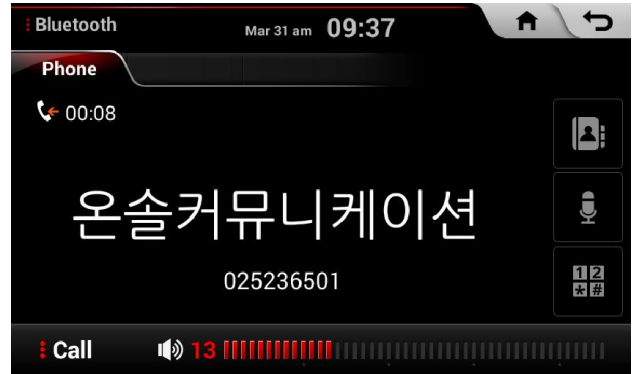
While on a call ▶ Press the [END] button.




The Bluetooth® handsfree call will end.

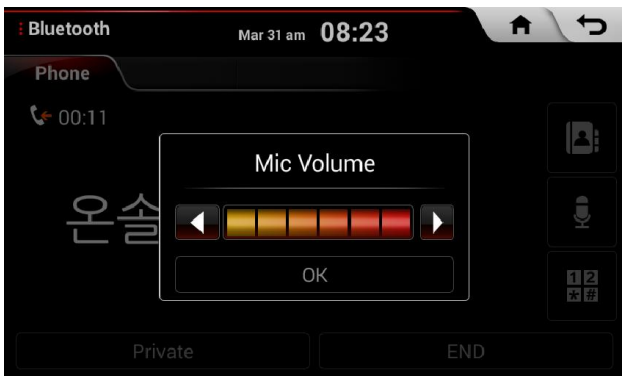
Adjusting the Ring/Call Volume

While on a call ▶ Use the VOL knob on the head unit or the to adjust the ring/call volume.



Setting Mic Volume

While on a call ▶ Press the [] ▶ Set Outgoing Volume ▶ Press [OK].



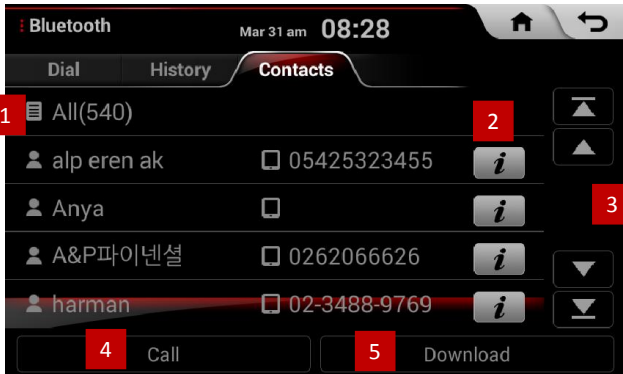
Information

The volume heard by the other party may differ depending on the mobile phone. If call volume heard by the other party is too low or too high, adjust the volume setting.

Bluetooth Connection

Contacts

Press the [HOME] key ▶ Press the [Phone] icon ▶ Press the [Contacts] tab.



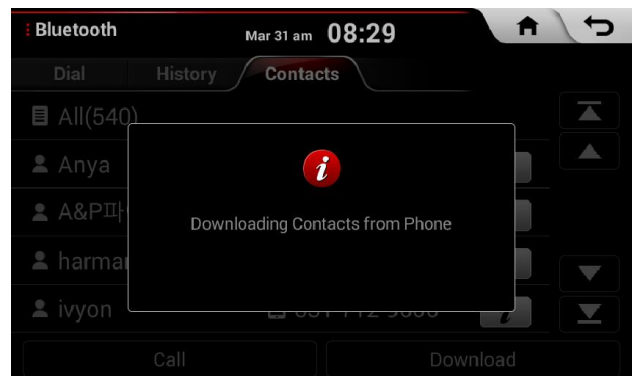
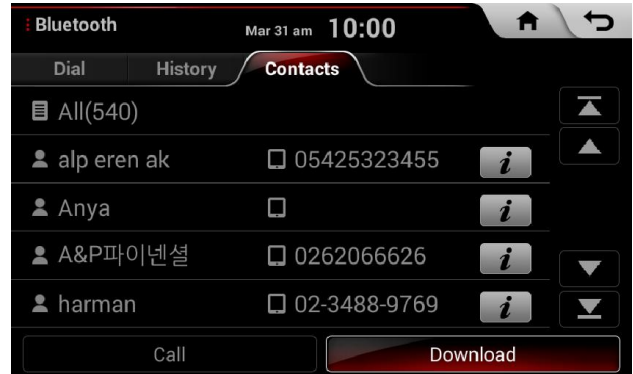
Name	Description
1 Bluetooth® Device Name	Name of connected Bluetooth® device
2 Information	Displays contacts details
3 List Page	Displays total number of list pages and current list page (List page jump upon selecting scroll area)
4 Call	Calls the number has been selected
5 Download	Download contacts from Bluetooth® device

i Information

- Mobile phone contacts can only be searched when a Bluetooth® device is connected.
- For contacts, up to 5,000 entries can be downloaded to each paired Bluetooth® device.
- It is possible to download contacts during a call or while operating Bluetooth® streaming audio mode.
- It is not possible to download contacts when the contacts download setting has been turned off within your Bluetooth® device.
- Some devices may also require device authorization to download contacts.
- If downloading cannot be normally conducted, check the Bluetooth® device settings or whether download confirm popup is displayed on the phone screen.
- The download feature may not be supported in some mobile phones.
- Check to see that the Bluetooth® device supports the download feature.

Downloading Mobile Phone Contacts

Press the [Download] button in the Contacts screen.



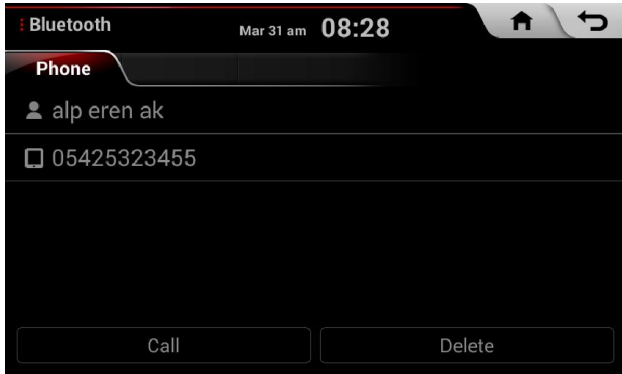
i Information

- Upon downloading mobile phone contacts, the previous corresponding data is deleted.
- This feature may not be supported in some mobile phones.
- Upon downloading, contacts saved in your mobile phone are simultaneously downloaded.

Bluetooth Connection

Checking Mobile Contacts Details

Press the [**i**] of the desired phone number from the mobile contacts list to check details about the contact



Press the [Call] button to make a call.
Press the [Delete] button to delete the contacts.

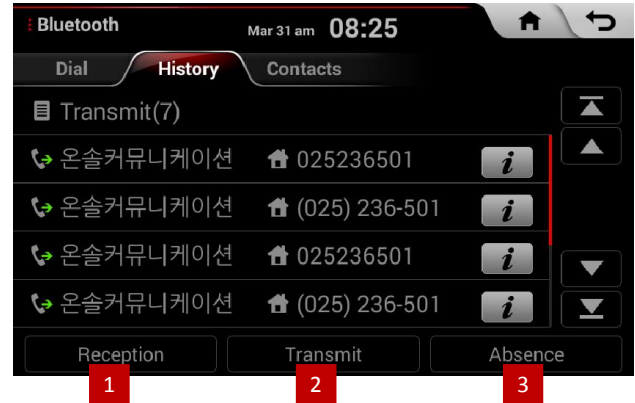
i Information

Deleting contacts in the car will not be applied to your mobile phone.

Call History

Entering Call History Screen

Press the [History] tab in the Phone screen.



Name	Description
1	Displays the incoming call history list
2	Displays the outgoing call history list
3	Displays the missed call history list

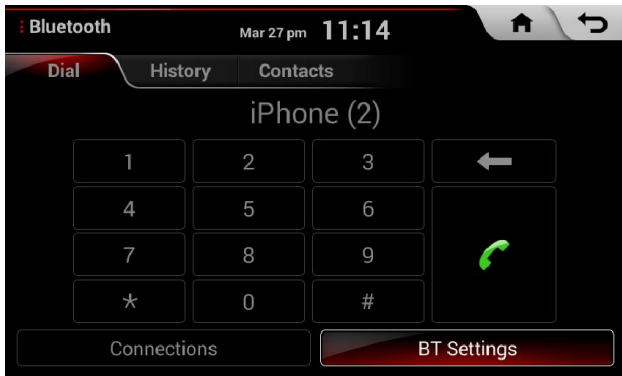
i Information

- The call history may not be saved in the call history list in some mobile phones.
- Calls received with hidden caller ID will not become saved in the call history list.
- Calling through the call history is not possible when there is no call history or the Bluetooth® phone has not been connected.
- Up to 50 dialed, incoming, and missed call history lists can be downloaded. The dialed/incoming time and call time information are not supported.
The time of received/dialed calls and call time information are not saved.

Bluetooth Connection

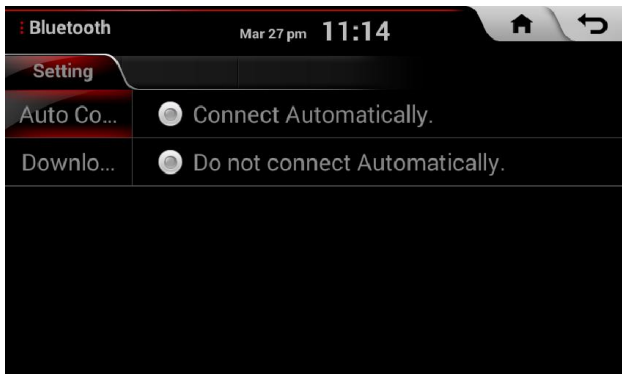
Bluetooth® Settings

Press the [HOME] key ► Press the [Phone] icon ► Press the [BT Settings] tab.



Setting Auto Connection

Press the [Auto Connection] button ► Select the desired option.

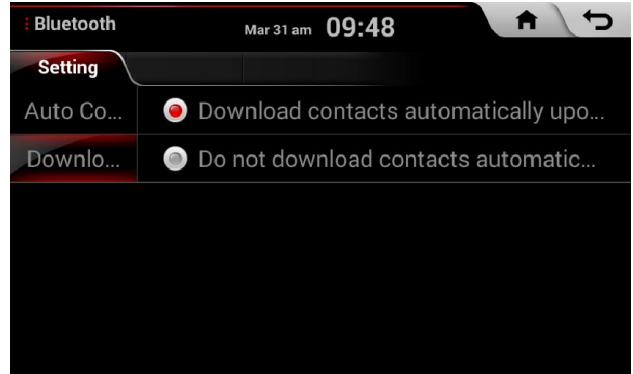


If you select [Connect automatically], the Bluetooth® device will automatically be connected when the car ignition is turned on.

If you do not want to connect automatically, Select [Do not connect automatically].

Download Contacts

Press the [**Download Contacts**] button ► Select the desired option.



When connecting a Bluetooth® device, it is possible to automatically download contacts.

FCC Notice

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

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

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

This device complies with 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.

(FCC Part 15.21) Caution: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



- Only batteries of the same or equivalent type as recommended are to be used.
- Insert batteries with the correct polarity as indicated on the product.
- Remove batteries during long periods of non-use. Remove exhausted batteries promptly.
- This product requires two AAA(UM-4) batteries
- Dispose of batteries safely, Batteries may explode or leak if disposed of in a fire.
- Protect the environment by not disposing of the batteries or this product with household waste (2002/96/EC)
Check your local authority for recycling advice and facilities

KEEP PACKING FOR FUTURE REFERENCE.



MADE IN KOREA