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1

Introduction

The following is what you need to know before using this product.

Before Use

Disclaimers

- MITSUBISHI Motors will in no way be held responsible for losses resulting from fire, earthquake, tsunami, flood, or other natural disasters; from actions of third parties; from other accidents; or from inappropriate or abnormal usage conditions utilized by the customer, be said conditions deliberate or unintentional.
- There will be no indemnification for alteration or loss of any information stored upon this product (address book etc.) by the customer or a third party resulting from improper use of this product, the influence of static electricity or electric noise, or at the time of malfunction or repair or similar circumstances. We recommend that you create backups of important information as a precautionary measure.
- Some personal information (addresses in address book, telephone numbers etc.) input into this product may remain in memory even if this product is removed. The customer is responsible for proper handling and management (including deleting) of personal information to protect privacy when handing this product over to anyone else or disposing of it. MITSUBISHI Motors will in no way be held responsible.
- MITSUBISHI Motors will in no way be held responsible for any collateral losses (loss of business profits, alteration or loss of recorded data) resulting from the usage or inability to use this product.
- For the purpose of product improvement, specifications and external appearance may be subject to change without advance notice. Accordingly, while the contents of the User Manual may differ, please be aware that returns, refunds, exchange, or conversion are not possible.
- This User Manual explains details for multiple vehicle models together. Depending on the vehicle model, there may be functions that may be described but not available, or requirements for separately purchased products. Thank you for your understanding.
- Images and illustrations used in the User Manual are either those used in development, or used for explanations. Please be aware that these may differ from the actual images and illustrations used in the product.
- Please be aware that MITSUBISHI Motors, including after-sales service departments, will in no way be held responsible for losses or detriment resulting from alteration or loss of any information stored in this product.

Important Points on Usage

Common

- During operation, ensure that the vehicle is not stationary in a garage or other confined area with bad ventilation while the engine is running. Doing so may result in gas poisoning.
- For safety, the driver is not to operate this product while the vehicle is moving. The driver should also minimise as much as possible the time spent viewing the screen. Being distracted by the screen can result in an accident.

OMDE20E1

- Do not turn the volume up to the extent that you cannot hear sounds from outside the vehicle while driving. Driving without being able to hear sounds from outside the vehicle can result in an accident.
- Do not disassemble or modify the product. This may lead to malfunction, smoking, or fire.
- When operating, ensure that the vehicle is stopped in a safe area in which stopping is permitted.
- Continued usage of this product without the engine running may deplete the vehicle battery, meaning that the engine may not be able to start.
  Ensure this product is used while the engine is running.
- The following phenomena are characteristic of LCD screens. They do not indicate a malfunction.
  - Small black dots or bright dots (red, blue, green) on the screen.
  - Screen movement is slow during cold weather.
  - The screen is sometimes dark during hot weather.
  - The colour tones and brightness vary with the viewing angle.
- It is a characteristic of LCD screens that the picture quality varies with the viewing angle. When using this product for the first time, adjust the picture quality.
- If you paste a commercially-available LCD protective film or the like on the screen, it may interfere with touch panel operation.
- If you operate the touch panel with a sharp object (pen tip, finger nail, etc.), the screen may be scratched and this unit may be damaged, leading to faulty operation.
- Operating the touch panel with gloves on may cause faulty operation.
- When cleaning the screen, wipe it with a soft cloth. Do not use benzene, paint thinners, anti-static agents, or other chemical wipes. They could scratch the screen.

iPod/iPhone Playback Function (Option)

- This product supports audio and video playback from iPod/iPhone devices, however differing versions mean that playback cannot be guaranteed.
- Please be aware that depending on the iPod/iPhone model or version, operation may differ.

Restrictions on Operations while the Vehicle Is Driving

Some operations are restricted while the vehicle is driving. The driver should refrain from operating this product while the vehicle is moving. First stop the vehicle in a safe location, then operate this product.

How to Clean

- If the product becomes dirty, wipe with a soft cloth.
- If very dirty, use a soft cloth dipped in neutral detergent diluted in water, and then wrung out. Do not use benzene, thinners, or other chemical wipes. This may harm the surface.

Trademarks

- Product names and other proper names are the trademarks or registered trademarks of their respective owners.
- Furthermore, even if there is no specific denotation of trademarks or registered trademarks, these are to be observed in their entirety.

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Manufactured under licence from DTS Licensing Limited. DTS, the Symbol, & DTS and the Symbol together are registered trademarks & DTS Neural Surround is a trademark of DTS, Inc. Product includes software.
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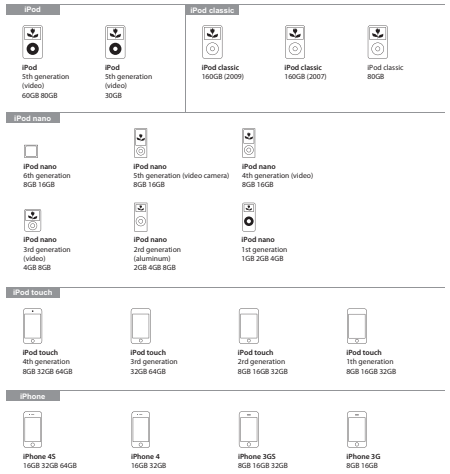
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The Bluetooth® word mark and logos are owned by the Bluetooth SIG, Inc.
and any use of such marks by MITSUBISHI Motors Corporation is under licence. Other trademarks and trade names are those of their respective owners.

"Made for iPod," "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod or iPhone, respectively, and has been certified by the developer to meet Apple performance standards.
iPhone, iPod, iPod classic, iPod nano, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.
Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards

- iPod and iTunes licensing allows individual users to privately reproduce and play back non- copyrighted material as well as material that may be legally copied and reproduced.
  Infringement of copyright is prohibited.

- The supported devices for vehicles with a Bluetooth® 2.0 interface vary. For details, refer to the vehicle's user manual.



Important Points on Safety for the Customer

This product features a number of pictorial indications as well as points concerning handling so that you can use the product correctly and in a safe manner, as well as prevent injury or damage to yourself, other users, or property.

⚠ WARNING

This indicates details regarding handling of the product that if ignored, could be expected to result in death or serious injury.

⚠ CAUTION

This indicates details regarding handling of the product that if ignored, could be expected to result in personal injury or property loss.

⚠ WARNING

- **The driver should not pay close attention to the images on the screen while driving.**
  This may prevent the driver looking where they are going, and cause an accident.
- **The driver should not perform complicated operations while driving.**
  Performing complicated operations while driving may prevent the driver looking where they are going, and cause an accident.
  Therefore stop the vehicle in a safe location before performing such operations.
- **Do not use during malfunctions, such as when the screen does not light up or no sound is audible.**
  This may lead to accident, fire, or electric shock.

⚠ WARNING

- **Ensure water or other foreign objects do not enter the product.**
  This may lead to smoking, fire, electric shock, or malfunction.
- **Do not insert foreign objects into the disc slot.**
  This may lead to fire, electric shock, or malfunction.
- **In the event of abnormalities occurring when foreign objects or water enter the product, resulting in smoke or a strange smell, immediately stop using the product, and consult with your dealer.**
  Continuing to use the product may result in accident, fire, or electric shock.
- **Do not disassemble or modify the product.**
  This may lead to malfunction, fire, or electric shock.
- **During thunderstorms, do not touch the antenna or the front panel.**
  This may lead to electrical shock from lightning.

⚠ CAUTION

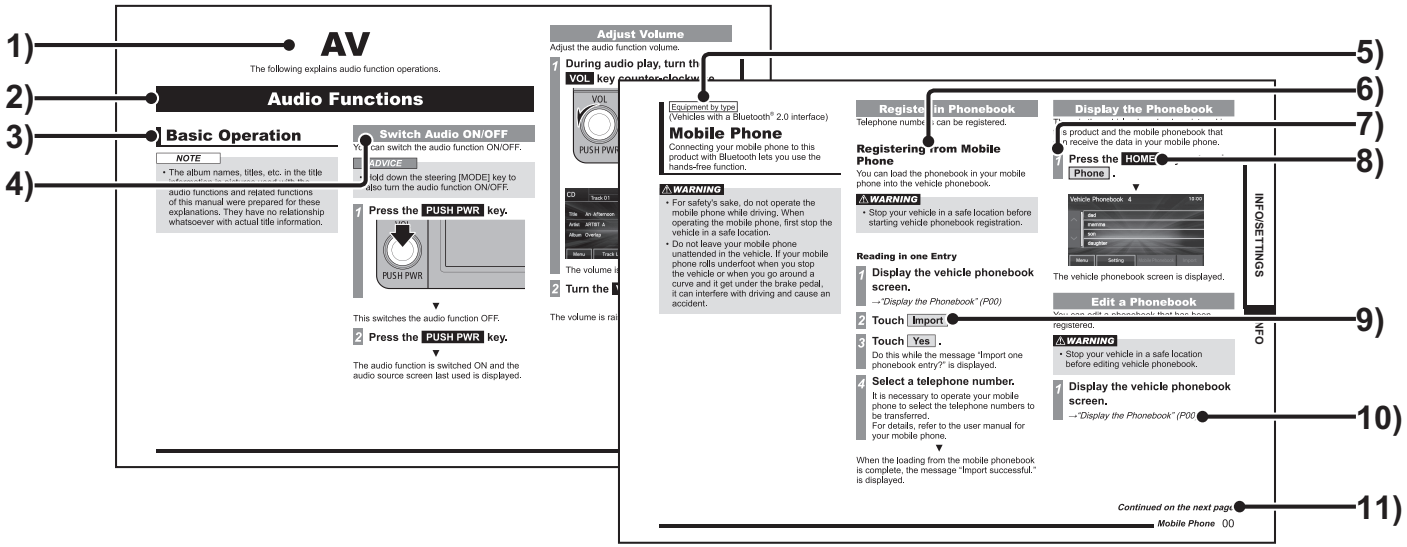
- **Do not block ventilation holes or heat sinks on the product.**
  Blocking ventilation holes or heat sinks may prevent heat from escaping from within the product, leading to fire or malfunction.

⚠ CAUTION

- **Do not turn the volume up to the extent that you cannot hear sounds from outside the vehicle while driving.**
  Driving without being able to hear sounds from outside the vehicle may result in an accident.
- **Do not insert your hand or fingers into the disc slot.**
  This may result in injury.

1 How to Read This Manual

The notation used in this manual and what it means are as follows.



1. **Volume Header**
   Classified by main functions.
2. **Chapter Header**
   Classifies more finely the main functions in the volume header. A chapter header appears at the head of each chapter.
   You can also check the index on the right edge.
3. **Major Header**
   Classifies the main operations and functions in a chapter.
4. **Intermediate Header**
   Classifies the operations and functions under the major header.
5. Equipment by type
   Indicates equipment that differs according to the vehicle model and grade.
6. **Minor Header**
   Classifies more finely the operations and functions classified under the intermediate header.

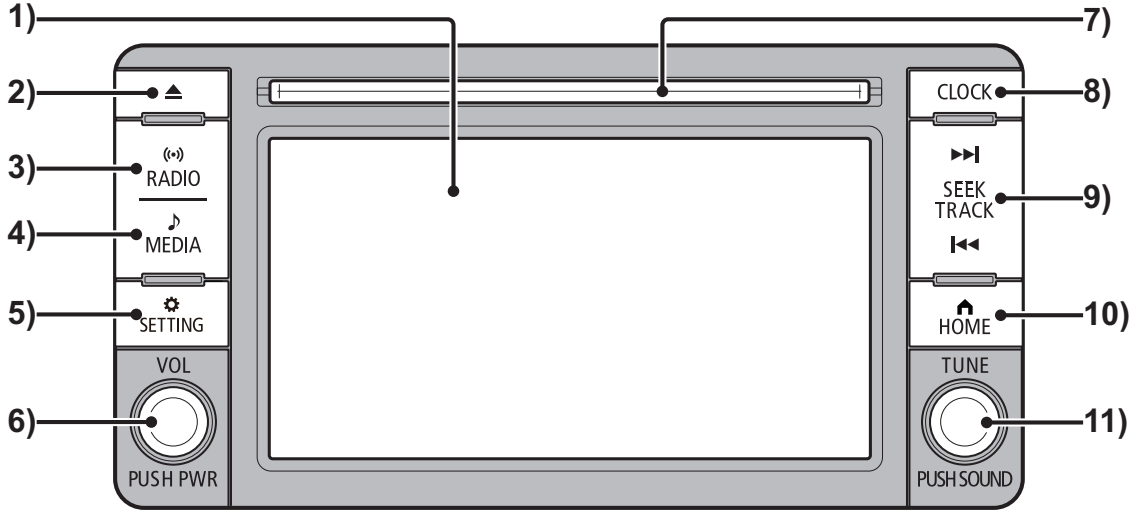
7. **Operation procedure**
   These are numbers that shows the operation procedure. Perform the procedure in the order of these numbers.
8. **○○○ key or [○○○] key**
   Shows an operation key on the panel.
9. **○○○ or [○○○]**
   Shows a touch switch displayed on the screen.
10. ***(P000)***
    Shows the page to refer to. It contains relevant explanations etc.
11. ***Continued on the next page***
    Used when the explanation of operations is continued.

1 Basic Operation

This Product

Main Unit Panel

This gives the names of each section of the main unit panel and explains their functions.



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1. **Display**
   Almost all operations can be performed by touching the touch switches displayed on this display.
   →"How to Perform Touch Operations" on page 1-09
2. **⏏ key**
   Used to eject a disc (p. 2-03) .
3. **RADIO key** (p. 2-14)
   Displays the radio screen that was previously displayed.
   When the radio screen is displayed, the radio source changes each time the key is pressed.
4. **MEDIA key** (p. 2-21), (p. 2-33), (p. 2-46)
   Resumes the media last played.
   When the media playback screen is displayed, the media source changes each time the key is pressed.
5. **SETTING key** (p. 3-09)
   Allows you to configure various settings for this machine.
6. **VOL/PUSH PWR key**
   Allows you to adjust the volume for the audio function and telephone function. It also allows you to switch the audio function ON/OFF.
   → "Adjusting the Volume" on page 2-02
7. **Disc slot**
   When a disc is inserted that can be played by this product, starts playback.
   →"Inserting the Disc" on page 2-03
8. **CLOCK key**
   Displays the time adjustment screen.
9. **⏮ SEEK TRACK key/ SEEK TRACK ⏭ key**
   Allows you to seek a radio station, or select a CD track. Also, holding down either of these keys allows you to fast-forward/fast-rewind a CD.
10. **HOME key**
    Displays the HOME screen.
    Used to select an audio source.
    → "Switch the Sources" on page 1-13
11. **TUNE key**
    Allows to select an audio file folder or a radio station by turning.
    PUSH SOUND key(p. 3-09)
    Pressing the key displays the sound quality setting screen.
    Used to adjust the sound quality.

Start

Start the system.

1. **Switch the vehicle's engine/power switch to "ACC" or "ON".**

▼

A while after the opening screen is displayed, the display switches to the last screen used the previous time.

NOTE

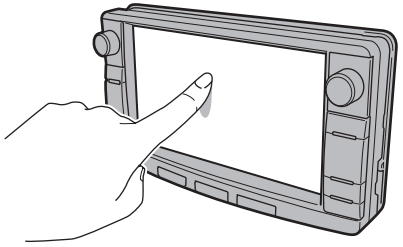
- Immediately after the engine/power switch is switched to "ACC" or "ON", some functions cannot be used immediately because data is being read. Please wait until the reading is completed.

How to Perform Touch Operations

This system uses a touch panel that is operated by touching the display directly.

When Touching ___

This manual indicates the operation of touching the screen to "Enter" with "Touch ___".



Also, the menu of operations executed by touch is indicated as “Touch Switch”.

⚠ CAUTION

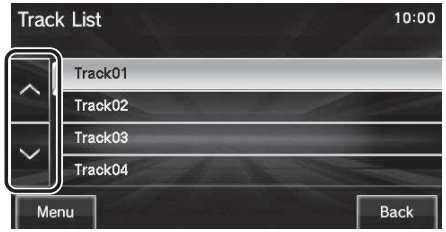
- The surface of the display scratches easily. Do not push on it too hard or rub it with a stiff cloth.

⚠ CAUTION

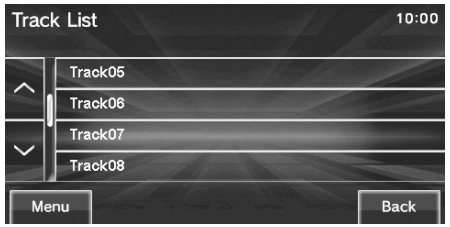
- If the screen is dirty, wipe it gently with an eyeglass wipe or other soft cloth.

Searching Items from a List

You can move the display one page by touching [∨] or [∧].



▼



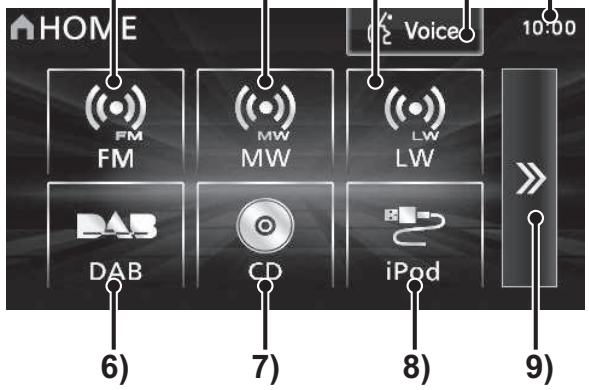
When the item you are searching for is displayed, touch it directly.

HOME

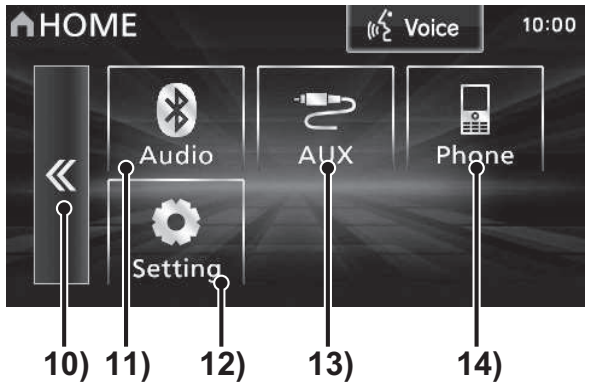
By pressing the [HOME] key to display the home screen, then selecting a source from that screen, you can use various functions.

Displaying Contents

TOP



2nd TOP



1. FM (p. “Listening to the Radio” on page 2-14)
   Allows you to use the FM radio function.
2. MW (p. “Listening to the Radio” on page 2-14)
   Allows you to use the MW radio function.
3. LW (p. “Listening to the Radio” on page 2-14)
   Allows you to use the LW radio function.
4. Voice *1 (p. 2-05)
   Allows you to use the voice control function.
5. **Clock**
   Displays the current time using 24-hour time or 12-hour time.
6. DAB *2 (p. 2-18)
   Allows you to use the DAB radio function.

*1 Can be used with Equipment by type (vehicles with a Bluetooth® 2.0 interface).
*2 Equipment by type Requires DAB tuner connection.

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7. CD
   Plays media inserted into this product.
   Audio CD (p. 2-21)
   Audio files (MP3/WMA/AAC) (p. 2-24)
8. USB/iPod *3
   When an iPod is connected to this product, iPod is displayed and when you touch this, the iPod screen is displayed. (p. 2-33)
   When a USB device is connected to this product, USB is displayed and when you touch this, the USB screen is displayed (p. 2-40).
   When nothing is connected to this product, USB/iPod is displayed.
9. >>
   Allows you to switch to the next page.
10. <<
    Allows you to switch to the previous page.
11. AUDIO *4 (p. 2-47)
    When a Bluetooth-capable audio device is connected to this product, the Bluetooth audio function can be used.
12. Setting (p. 3-09)
    Displays the settings screen, on which you can make various settings for this product.
13. AUX *3,*5 (p. 2-50)
    When an external input device is connected to this product, the audio from the external input device is played.
14. PHONE *6 (p. 3-02)
    Allows you to make and receive telephone calls.

*3 An iPod and external input cable (both available separately) are required.

*4 Requires a separately-purchased Bluetooth-capable audio device in Equipment by type (vehicles with a Bluetooth® 2.0 interface).

*5 Equipment by type Always displayed for vehicles that do not support AUX devices.

*6 Requires a separately-purchased Bluetooth-capable mobile phone in Equipment by type (vehicles with a Bluetooth® 2.0 interface).

Switching the HOME Screen

The home screen comprises 2 pages. The following explains how to view the other page.

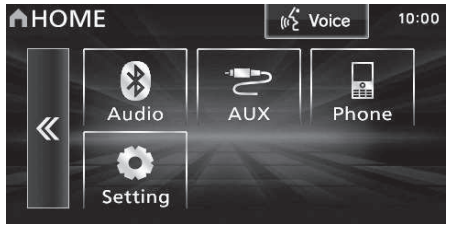
1. **Touch** [>>] **.**

TOP



▼

2nd TOP



The display changes to the next page (2nd TOP).

2. **Touch** [<<] **.**

▼

The display changes to the previous page (TOP).

NOTE

- In some cases, because of [Equipment by type] and the connection status of devices, the home screen has only one page.

Switch the Sources

A source can be selected on the home screen.

NOTE

- This manual uses the term "source" as the general name for all audio functions, including radio, CD, etc.

1. **Press the** [HOME] **key.**



▼

The home screen is displayed.

2. **Touch any "source".**



▼



The screen for the selected source is displayed.

NOTE

- When no audio CD and no disc with audio files (MP3/WMA/AAC) is inserted into this product, [CD] is displayed greyed out and cannot be selected.

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1

NOTE

- Equipment that is not connected cannot be selected.
- The contents of the menu depend on the model and on what optional equipment is connected.

AV

2

.....2-02
Audio Functions 2-02
Basic Operation.....2-02
Voice Control..... 2-05
Handling of Discs.....2-06
Audio Files (MP3/WMA/AAC).....2-07
Radio 2-14
Listening to the Radio.....2-14
Listening to DAB.....2-18
DISC 2-21
Listening to CDs..... 2-21
Listening to Audio Files on a Disc.....2-24
Listening to Mixed Discs..... 2-30
iPod/USB 2-33
Use an iPod..... 2-33
Using a USB Device..... 2-39
Listening to Audio Files on a USB Device.....2-40
External Input Devices 2-46
Use Bluetooth Audio.....2-46
Using AUX..... 2-50

The following explains audio function operations.

Audio Functions

Basic Operation

NOTE

- The album names, titles, etc. in the title information in pictures used with the audio functions and related functions of this manual were prepared for these explanations. They have no relationship whatsoever with actual title information.

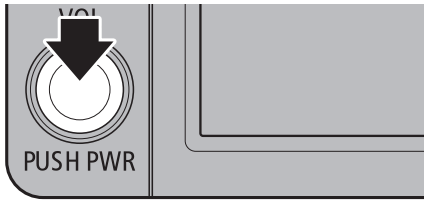
Switching Audio ON/OFF

You can switch the audio function ON/OFF.

NOTE

- Hold down the steering [MODE] key to also turn the audio function ON/OFF.

1. **Press the PUSH PWR key.**



▼

This switches the audio function OFF.

2. **Press the PUSH PWR key.**

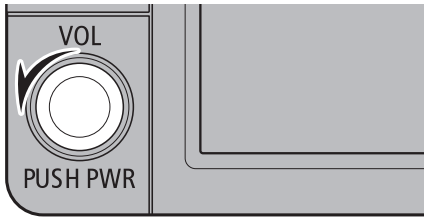
▼

The audio function is switched ON and the audio source screen last used is displayed.

Adjusting the Volume

Adjusting the audio function volume.

1. **During audio play, turn the VOL key counter-clockwise.**



▼



The volume is lowered.

2. **Turn the VOL key clockwise.**

▼

The volume is raised.

Insert/Eject Discs

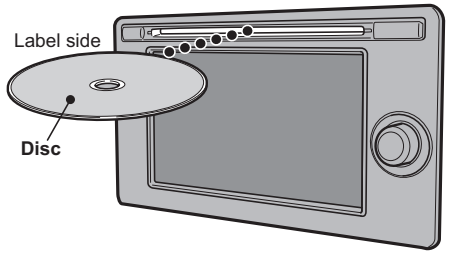
The following explains how to insert a disc into this product.

⚠ CAUTION

- When replacing discs, first ensure that the vehicle is stopped in an area in which stopping is permitted.
- Do not insert your hand, fingers, or foreign objects into the disc slot. This may lead to injury, smoking, or fire.

Inserting the Disc

1. **Insert the disc into the disc slot with the label surface up.**



Push the disc in a certain amount, and the product will pull the disc in.

▼

Playback starts.

Ejecting the Disc

1. **Press the ⏏ key.**

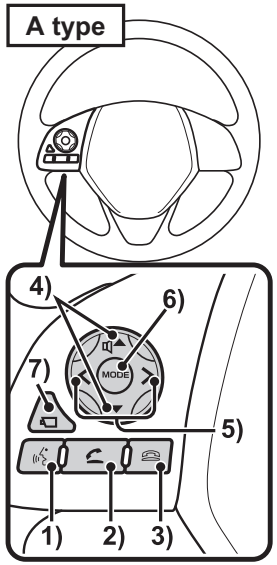
▼

This will eject the disc from the product, so remove the disc.

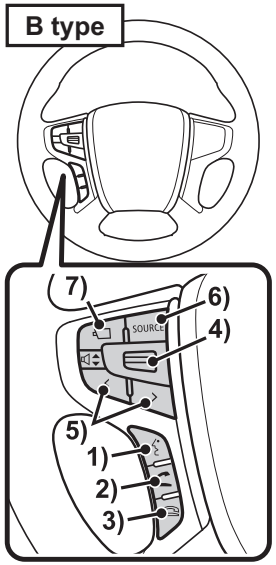
Steering Remote Control Switch Operation

2

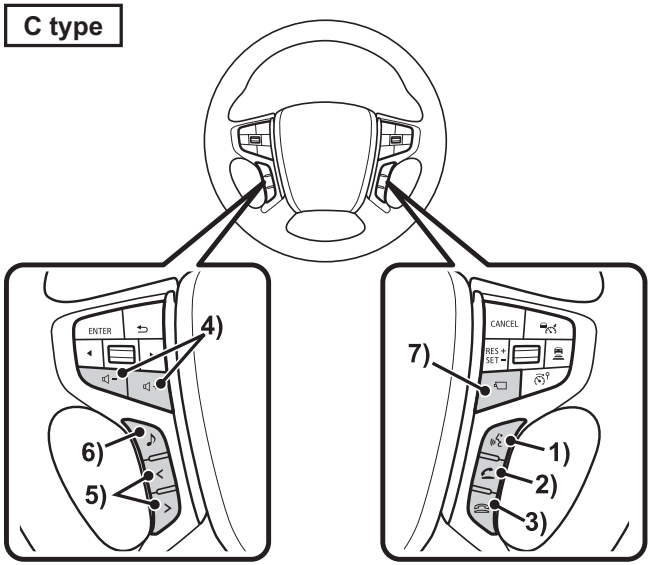
A type



B type



C type



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1. **"SPEECH" key** *1
   Starts voice control.
2. **"OFF HOOK" key** *1
   Used to receive a telephone call.
3. **"ON HOOK" key** *1
   Used to end a telephone call.
4. **, key / , key/, switch**
   Adjust audio functions and the telephone function volume.
5. **, key**
   Select CD and other audio source tracks and radio stations.
   Hold down for fast forward and rewind.
6. **MODE key/ SOURCE key/ ♪ key**
   Hold down to turn the audio function ON/OFF. Additionally, each time this is pressed, this switches the audio source. The order of switching is as shown below. If devices are not connected, then these are to be skipped, and the next source selected.
   →[CD]→ [iPod*2] or [USB device]→ [Bluetooth Audio*3]→ [AUX*4]→ [FM] → [MW]→ [LW]→ [DAB*5]→ [CD] →___
7. **CAMERA key** *6
   The picture from the Multi Around Monitor can be displayed.
   →"Camera" on page 3-08

*1 Can be used with Equipment by type (vehicles equipped with a Bluetooth® 2.0 interface).

*2 An iPod cable (available separately) is required.

*3 Requires a separately-purchased Bluetooth-capable audio device in Equipment by type (vehicles equipped with a Bluetooth® 2.0 interface).

*4 Equipment by type Only for vehicles that support AUX devices.

*5 Equipment by type Requires DAB tuner connection.

*6 Equipment by type

Voice Control

Equipment by type

(Vehicles with a Bluetooth® 2.0 interface).
You can perform telephone and audio operations by voice command.

1. **Press the “SPEECH” key on the steering wheel. After you hear the “beep”, say “Voice commands”.**
   → “Steering Remote Control Switch Operation” on page 2-04

NOTE

- You can also start voice control by touching [Voice] on the home screen.
- Please refer to your vehicle’s user manual (Bluetooth® 2.0 interface) regarding the voice control function.

NOTE

The voice control function may have difficulty in some environments and with the way some people speak.
The followings will help you make the best use of the voice control function.

- Speak loud and clear. This makes voice recognition easier.
- When making a call, avoid saying things such as “uh”, “um, uh”, “aah”, etc. These may be mistaken for other words.
- Close the windows. Noise from the outside can cause recognition mistakes.
- Ask everyone else in the vehicle to please be quiet while you voice-dial a call. The voices of others in the vehicle can cause recognition mistakes.
- Words are sometimes mistaken for other words with a similar pronunciation.

NOTE

- If there is too much ambient noise, recognition mistakes may occur.
  Example: Driving through a tunnel, driving with chains on the tires
- Strong air flow from the air conditioner or heater may make recognition more difficult.
- In the following cases, voice commands are not accepted.
  - Speaking too slow (too fast)
  - Speaking too loud (too softly)
  - Not saying anything or pronunciation is unclear
  - Spoke before the “beep”

Handling of Discs

This explains care that should be taken in the handling of discs.

Important Points on Handling

- Fingerprints or other marks on the read surface of the disc may result in its content being more difficult to read. When holding the disc, grip both edges, or one edge and the centre hole, in order that the read surface is not touched.
- Do not affix paper or stickers, or otherwise damage the disc.
- Do not forcefully insert a disc if another is already within the device. This can result in damage to discs, or malfunction.

Cleaning

- Periodically clean the read surface of the disc. When cleaning, do not wipe in a circular motion. Instead, wipe gently outwards from the centre of the disc to the outer edge.
- New discs may have burring around the outer edge or in the hole in the centre. Ensure you check for these. If there are burrs, these may lead to faulty operation, therefore ensure these are removed.

Important Points on Storage

- When not using discs, ensure these are kept in cases, and stored out of direct sunlight.
- If discs are not going to be used for a long period of time, remove these from the product.

Disc Playback Environment

In cold environments such as in mid-winter when the interior of the vehicle is cold, turning the heater on and immediately trying to use the product may cause condensation (water droplets) to form on the disc and internal optical components, and this may prevent the product from operating correctly.
In these conditions, remove the disc, and wait a short time before use.

Copyright

Actions such as unauthorized reproduction, broadcast, public performance, or rental of discs that comprise other than personal use are prohibited by law.

Types of Disc That Can Be Played Back

The following marks are printed on the disc label, package, or jacket.

Type	Size	Maximum playback time	Comments
CD-DA 	12 cm	74 minutes	—
CD-TEXT 	12 cm	74 minutes	—
CD-R/RW  	12 cm	—	•Disc containing MP3, WMA or AAC files

Discs That May Not Be Played Back

- Playback of discs other than those described in “Types of Disc That Can Be Played Back” is not guaranteed.
- 8 cm discs may not be used.
- Do not insert irregularly-shaped discs (for example, heartshaped), as these may result in malfunction.
  Additionally, discs that have transparent portions may not be played back.
- Discs that have not been finalized cannot be played back.
- Even if recorded using the correct format on a recorder or computer, application software settings and environments; disc peculiarities, damage, or marking; or dirt or condensation on the lens inside the product may render the disc unplayable.
- Depending on the disc, some functions may not be used, or the disc may not play back.
- Do not use discs with cracks or warps.
- If the disc has stickers affixed, remains from removed stickers, or affixed adhesive, then do not use the disc.
- Discs that have decorative labels or stickers may not be used.

Nonstandard CDs

This product will play back audio CDs, however please be aware of the following points regarding CD standards.

- Ensure that you use discs with  on the label surface.
- Playback of other than standard CDs is not guaranteed. Even if the audio can be played back, the audio quality cannot be guaranteed.
- When playing back other than standard CDs, the following may occur.
  - There may be noise during playback.
  - There may be jumping in the audio.
  - The disc may not be recognised.
  - The first track may not be played back.
  - It may take longer than usual until start of playback of tracks.
  - Playback may start from within the track.
  - Some parts may not be played back.
  - Tracks may freeze during playback.
  - Tracks may be displayed erroneously.

Audio Files (MP3/WMA/AAC)

This product can play back MP3/WMA/AAC format audio files recorded on CD-ROM, CD-R/RW, and USB devices.

There are limitations on the files and media that can be used, therefore read the following prior to recording MP3/WMA/AAC format audio files on discs or USB devices.
Additionally, ensure you read the user manuals for your CD-R/RW drive and the writing software, and ensure these are used correctly.
If the MP3/WMA/AAC format audio files includes title information or other data, then this can be displayed.

⚠ CAUTION

- Actions such as copying audio CDs or files and either distributing these to others for free or for charge, or uploading files via the Internet or other means to servers is an infringement of the law.

⚠ CAUTION

- Do not append the file extensions ".mp3", ".wma", or ".m4a", to other than MP3/WMA/AAC format files. Playing back discs with these types of files recorded upon them may cause the files to be incorrectly identified for playback, which may lead to loud noise, resulting in speaker damage or accident.

NOTE

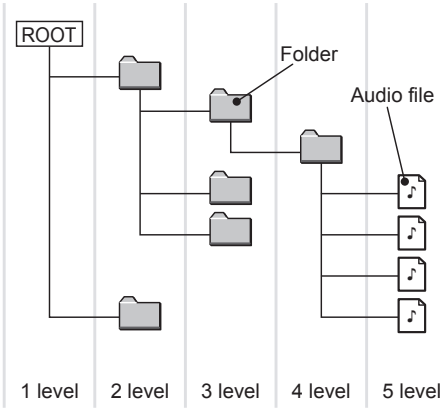
- Depending on the condition of the disc recorder or recording software used, correct playback may not be possible. In these cases, refer to the user manual for your product or software.
- Depending on your computer's operating system, version, software, or settings, files may not have a file extension appended. In these cases, append the file extensions ".mp3", ".wma", or ".m4a" when copying the files.
- Files larger than 2GB in size cannot be played back.

NOTE

- This product can also play back discs that mix audio files in different formats, MP3, WMA, and AAC.

Folder Structure

Up to 8 folder levels can be recognised.
You can create a folder structure as in Genre - Artist - Album - Track (MP3/WMA/AAC format audio files) for management of tracks.



Name	Specification	Explanation	
Format specifications	ISO9660	Level 1	Maximum 8 character file name, and 3 character file extension. (single-byte alphanumeric capital letters, numerals, "_" may be used)

Name	Specification	Explanation	
	ISO9660 extension	Joliet	File names up to a maximum 64 characters can be used.
Multisession	Not supported (only first session supported)		
Maximum number of levels	8 levels (if the root is the 1st level)		
Maximum folder number	Disc: 100 folders; USB device: 300 folders (including root)		
Maximum file number*1	Disc: 255 files; USB device: 3000 files (total number on media. Other than MP3, WMA, and AAC files not included)		
File name and folder name restrictions	Maximum 64 bytes (64 characters), files/folders with file/folder names longer than this will not be displayed or played back.		
USB supported formats	The recommended file system is FAT32. 1 partition only		

*1: Do not include other than MP3/WMA/AAC files. However, if storing many tracks within the same folder, these may not be recognised even if less than the maximum number of tracks. In these cases, divide the tracks up into multiple folders.

NOTE

- The order in which folders and audio files are displayed on this product may be different to how they are displayed on a computer.

What Is MP3?

MP3 is the abbreviation of “MPEG-1 Audio Layer 3”. MPEG is an abbreviation of “Motion Picture Experts Group”, and this is a video compression standard used in video CDs, etc.
MP3 is one of the audio compression methods contained in the MPEG audio standard, and reduces the quality of sounds that are beyond the auditory resolution of the human ear and that are hidden by louder sounds, thus creating high-quality data with a lower data size.
This can compress CD audio to approximately 1/10 its original data size without perceptible loss, approximately 10 CDs can be written to a single CD-R/RW disc.

⚠ CAUTION

- MP3 files different to the standards at right may not play back correctly, or file/folder names may not be displayed correctly.

Standards for MP3 Files That Can Be Played Back

Specifications for MP3 files that can be played are as shown below.

* For Equipment by type (vehicles with a Bluetooth® 2.0 interface), refer to the vehicle’s users manual (Bluetooth® 2.0 interface).

Item		Details
Specification	DISC	MPEG-1 AUDIO LAYER2/3
		MPEG-2 AUDIO LAYER2/3
		MPEG-2.5 AUDIO LAYER3
	USB	MPEG-1 AUDIO LAYER3
		MPEG-2 AUDIO LAYER3
Sampling frequency [kHz]	DISC	MPEG-1: 32/44.1/48
		MPEG-2: 16/22.05/24
		MPEG-2.5: 8/11.025/12
	USB	MPEG-1: 32/44.1/48
Sampling frequency [kHz]	USB	MPEG-2: 16/22.05/24

Item		Details
Bit rate [kbps]	DISC	MPEG-1: 32 to 384
		MPEG-2/2.5: 8 to 160
	USB	MPEG-1: 32 to 320
		MPEG-2: 32 to 160
VBR (variable bit rate)		Support
Channel mode		Stereo/ Joint stereo/ Dual channel/ Monaural
File extension		mp3
Supported tag information		ID3 tags: Ver. 1.0, Ver. 1.1, Ver. 2.2, Ver. 2.3, Ver.2.4 Title, Artist name, Album name, Genre*1
Maximum number of characters that can be indicated on the source plate		Files names: 18 characters Folder names: 41 characters

*1) This is not supported in DISC mode.

What Is WMA?

WMA is the abbreviation of Windows Media Audio, and this is an audio compression format from Microsoft. This is a compression format that has a higher compression ratio than MP3.

* Microsoft, Windows Media, and Windows are registered trademarks of Microsoft Corporation (USA) and in other countries.

⚠ CAUTION

- WMA supports digital rights management (DRM). This product cannot play back WMA files protected using this system.
- WMA files different to the standards at right may not play back correctly, or file/folder names may not be displayed correctly.
- “Pro”, “Lossless”, and “Voice” are not supported.

Standards for WMA Files That Can Be Played Back

Specifications for WMA files that can be played are as shown below.

* For Equipment by type (vehicles with a Bluetooth® 2.0 interface), refer to the vehicle's users manual (Bluetooth® 2.0 interface).

Item		Details
Specification	DISC	Windows Media Audio Version 9.0 Standard
	USB	Windows Media Audio Version7.0/8.0/9.0
Sampling frequency [kHz]	DISC	32/44.1/48
	USB	16/22.05/32/44.1/48
Bit rate [kbps]	DISC	32 to 320
	USB	16 to 320
VBR (variable bit rate)		Support
Channel mode		Stereo/Monaural
File extension		wma
Supported tag information		WMA tags Title, Artist name, Album name, Genre*1
Maximum number of characters that can be indicated on the source plate		Files names: 18 characters Folder names: 41 characters

*1: This is not supported in DISC mode.

What is AAC?

AAC is the abbreviation of Advanced Audio Coding, and this is an audio compression standard used in "MPEG-2" and "MPEG-4". This features 1.4x the compression of MP3, with comparable audio quality.

⚠ CAUTION

- AAC supports digital rights management (DRM). This product cannot play back AAC files protected using this system.
- AAC files different to the standards at right may not play back correctly, or file/folder names may not be displayed correctly.

Standards for AAC Files That Can Be Played Back

Specifications for AAC files that can be played are as shown below.

* For Equipment by type (vehicles with a Bluetooth® 2.0 interface), refer to the vehicle's users manual (Bluetooth® 2.0 interface).

Item		Details
Specification	DISC	MPEG-4/AAC-LC
	USB	Advanced Audio Coding MPEG4/AAC-LC MPEG2/AAC-LC
Sampling frequency [kHz]	DISC	11.025/16/22.05/24/32/44.1/48
	USB	8/11.025/12/16/22.05/24/32/44.1/48
Bit rate [kbps]	DISC	16 to 320
	USB	16 to 576
VBR (variable bit rate)		Support
Channel mode		Stereo/Monaural
File extension		m4a
Supported tag information		AAC tags or ID3 tags Title, Artist name, Album name, Genre[*1]

[*1]: This is not supported in DISC mode.

Item	Details
Maximum number of characters that can be indicated on the source plate	Files names: 18 characters Folder names: 41 characters

*1: This is not supported in DISC mode.

Radio

Listening to the Radio

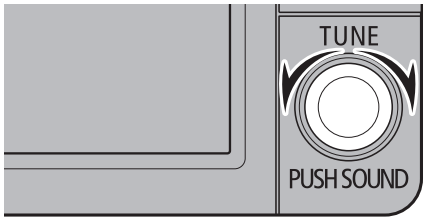
This explains how to listen to FM, MW, and LW radio broadcasts.

1. **Press the RADIO key.**
   The radio screen is displayed.
   The radio source changes each time the key is pressed.

   ▼

   Displays the FM, MW or LW radio broadcast information screen.

2. **Turn the TUNE key to select a station.**



   ▼

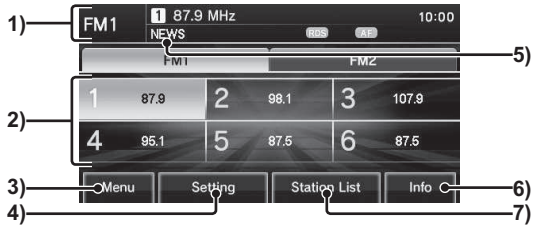
   The station at the selected frequency is played.

NOTE

By pressing the [HOME] key to display the home screen, then selecting a source from that screen, you can select the radio source.

Displaying Contents

FM Radio Broadcast Information Screen





1. **Source plate**
   Displays the name of the currently selected source, preset channel number, and reception frequency.
2. **Preset switch**
   Allows you to register your favourite broadcast stations.
   Touch and hold the switch for the desired preset channel number until you hear the “beep”. This registers the broadcast station currently being received.
   →“Registering Your Favourite Broadcast Stations” on page 2-16
3. **Menu**
   Touching it displays the sub-menu. The [Sound Control] (p. 3-09) settings can be made.
4. **Setting**
   Allows you to configure broadcast station automatic tuning, program name display, and traffic message switchover settings and to change the display language for the PTY filter. (p. 3-16)
5. **PTY**
   Displays the PTY (Program Type) being received.
6. **Info**
   Switches to information display.
7. **Station List**
   Displays a list of the broadcast stations that can be received.
   →“Search for Broadcast Stations from the Station List” on page 2-17
8. **FM1**, **FM2**
   Allows you to register your favourite 6 stations for each band.
9. **Radio Text**
   Displays the acquired radio text.
10. **Presets**
    Switches to preset display.

2

MW/LW Radio Broadcast Information Screen





1. **Source plate**
   Displays the name of the currently selected source, preset channel number, and reception frequency.
2. **Preset switch**
   Allows you to register your favourite broadcast stations.
   Touch and hold the switch for the desired preset channel number until you hear the “beep”. This registers the broadcast station currently being received.
   →“Registering Your Favourite Broadcast Stations” on page 2-16
3. **Menu**
   Touching it displays the sub-menu. The [Sound Control] (p. 3-09) settings can be made.
4. **Station List**
   Displays a list of the broadcast stations that can be received.
   →“Search for Broadcast Stations from the Station List” on page 2-17

Registering Your Favourite Broadcast Stations

You can register your favourite 6 stations for each band, FM1, FM2, MW, and LW.

1. **On the radio broadcast information screen, turn the TUNE key to search for the “broadcast station” to register.**
2. **Touch and hold the “preset switch” to register to until you hear the “beep”.**



▼

This registers the selected broadcast station to the preset channel number whose switch you touched.

Search for Broadcast Stations with Strong Signals

This is handy for searching for broadcast stations you can receive when you drive to a different area, for example for vacation.

Starting the Seek

A receivable station can be searched one at a time.

1. **On the radio broadcast information screen, press the SEEK TRACK key or SEEK TRACK key.**

▼



When a receivable station is found, it is played.

Search for Broadcast Stations from the Station List

You can select a station from the list of receivable broadcast stations.

1. **On the radio broadcast information screen, touch Station List .**
   The station list is displayed.

NOTE

- For FM, a station list that is maintained by the current tuner is displayed.
- For MW or LW, the station list is automatically updated before it is displayed.

2. **Select the broadcast stations you want from the station list and touch it.**



▼

Reception of the selected broadcast station starts.

3. **Touch Back .**

▼

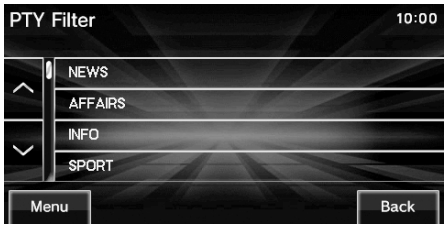
The display returns to the original radio broadcast information screen.

Narrowing Down the Station List

You can narrow down the station list by genre.

1. **On the station list, touch PTY Filter .**
   The genre list is displayed.

2. **Touch the “genre” you want.**



▼

A station list for just the selected genre is displayed.

NOTE

- Touching the [Filter OFF] on the station list cancels the narrowing down.

Updating the Station List

You can manually update the station list.

1. **On the station list, touch Update .**
   Updating starts.

▼

The updated station list is displayed.

Listening to DAB

2

Equipment by type

This section explains how to listen to DAB broadcasts.

1. **Press the HOME key.**
   The home screen is displayed.
2. **Touch DAB .**



▼

The DAB broadcast information screen is displayed.

3. **Turn the TUNE key to select a station.**



▼

The selected station is played.

Displaying Contents

DAB Broadcast Information Screen



1. **Source plate**
   Displays the name of the source, preset channel number, and the names of the ensemble and service being received.
2. DAB1 , DAB2 , DAB3
   Allows you to register your favourite 6 stations for each band.
3. **Preset switch**
   Allows you to register your favourite broadcast stations.
   Touch and hold the switch for the desired preset channel number until you hear the "beep". This registers the broadcast station currently being received.
   → "Registering Your Favourite Broadcast Stations" on page 2-20
4. Menu
   Touching it displays the sub-menu. The [Sound Control] (p. 3-09) settings can be made.
5. Setting
   Displays the DAB setting screen.
   →3-17
6. **DAB link indicator**
   Displayed when the DAB link function is ON. If reception sensitivity is low, this switches to another broadcast with the same contents.
7. **DAB link icon**
   Displayed while the DAB link function is operating.
8. Info
   Displays the dynamic label being received. If there is no text information, displays "NO TEXT".
9. Station List
   Displays a list of the broadcast stations that can be received.
   → "Search for Broadcast Stations from the Station List" on page 2-20

2

Search for Your Favourite Broadcast Stations

A receivable station can be searched one at a time.

1. **On the DAB broadcast information screen, press the SEEK TRACK key or SEEK TRACK key.**

▼



Receives and plays the first service in the ensembles that can be received.

2. **Turn the TUNE key to select a station.**

▼

The selected service is played.

NOTE

- Going to the first service or last service within the ensemble switches to the next ensemble.

Registering Your Favourite Broadcast Stations

You can register your favourite 6 stations each for DAB1, DAB2, and DAB3.

1. **On the DAB broadcast information screen, turn the TUNE key to search for the "broadcast station" to register.**
2. **Touch and hold the "preset switch" to register to until you hear the "beep".**



▼

This registers the selected broadcast station to the preset channel number whose switch you touched.

Search for Broadcast Stations from the Station List

You can select a station from the list of receivable broadcast stations.

1. **On the DAB broadcast information screen, touch Station List .**
   The station list is displayed.

NOTE

- The station list is automatically updated before it is displayed.

2. **Select the broadcast stations you want from the station list and touch it.**



▼

Reception of the selected broadcast station starts.

3. **Touch** Back **.**

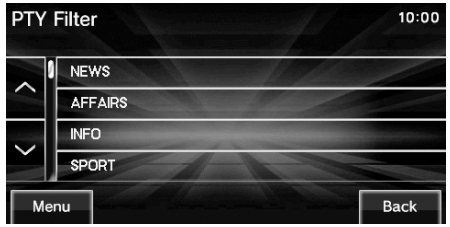
▼

The display returns to the DAB broadcast information screen.

Narrowing Down the Station List

You can narrow down the station list by genre.

1. **On the station list, touch** PTY Filter **.**
   The genre list is displayed.
2. **Touch the "genre" you want.**



▼

A station list for just the selected genre is displayed.

NOTE

- Touching the [Filter OFF] on the station list cancels the narrowing down.

Updating the Station List

You can manually update the station list.

1. **On the station list, touch** Update **.**
   Updating starts.

▼

The updated station list is displayed.

DISC

Listening to CDs

This explains how to listen to audio CDs (CD-DA/CD-TEXT).
Insert a disc in this product to automatically start playback.
→ "Inserting the Disc" on page 2-03

NOTE

- Operate with an audio CD loaded into this product.

1. **Press the** MEDIA **key.**
   The media last played is resumed.
   When the media playback screen is displayed, the media source changes each time the key is pressed.

▼

The audio CD playback information screen is displayed.

2. **Press the** ⏮ SEEK TRACK **key or** SEEK TRACK ⏭ **key to select the track.**

▼

The selected track is played back.

NOTE

- You can fast forward or rewind the track being played by holding down the ⏮ SEEK TRACK key or SEEK TRACK ⏭ key.
- By pressing the [HOME] key to display the home screen, then selecting a source from that screen, you can select the media source.

Displaying a List

You can display a track list.

1. **On the audio CD playback information screen, touch** Track List **.**

▼

2



A track list is displayed.

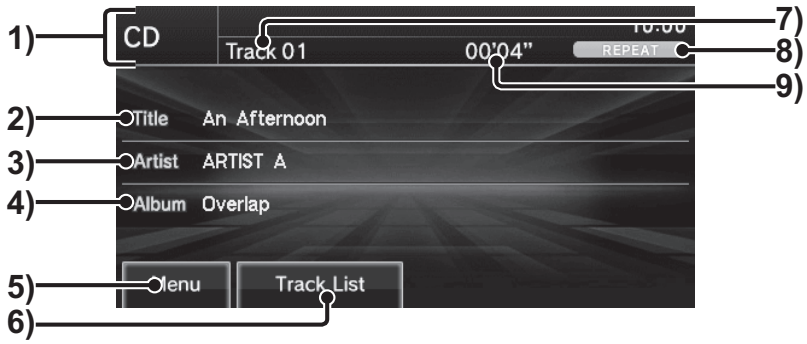
2. **Touch** **Back** **.**

▼

The display returns to the audio CD playback information screen.

Displaying Contents

Playback Information Screen



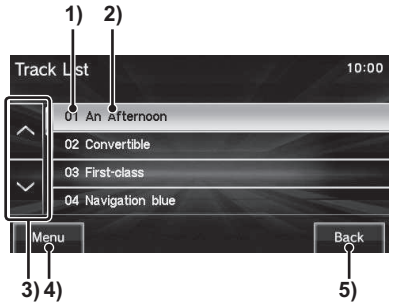
1. **Source plate**
   Displays the name of the currently selected source, the track number currently being played, the playback time, the playback mode, etc.
2. **Title name**
   If there is title information, displays the title name. If there is no title information, displays “NO TITLE”.
3. **Artist name**
   If there is title information, displays the artist name. If there is no title information, displays “NO NAME”.
4. **Album name**
   If there is title information, displays the album name. If there is no title information, displays “NO TITLE”.
5. Menu (p. 2-24)
   Displays the sub-menu. Allows you to change the playback mode, etc.
6. Track List
   Displays a track list.
   → “Displaying a List” on page 2-21
7. **Track number**
8. **Playback mode display**
   Displays the current playback mode.
   → “Switching Playback Mode” on page 2-24

REPEAT : Repeat play
SCAN : Scan play
RANDOM : Random play

9. **Playback time**

2

Lists

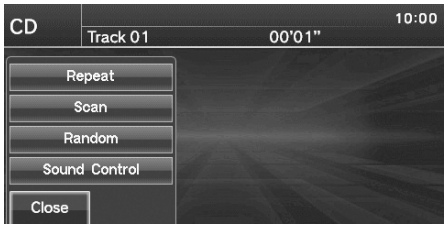


1. **Track number**
2. **Track name**
   Displays the track name.
   If the track name information is blank, displays "Track (track number)".
3. **Cursor switch**
   Scrolls pages.
4. Menu (p. 2-24)
   Displays the sub-menu. Allows you to change the playback mode, etc.
5. Back
   Returns to the audio CD playback information screen.

Switching Playback Mode

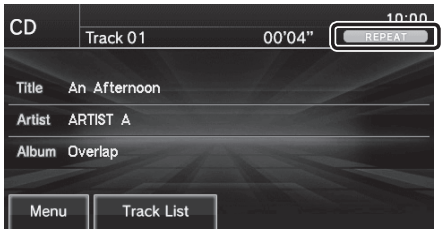
Repeat playback, random playback, and scan playback are possible.

1. **On the audio CD playback information screen, touch Menu .**
   The sub-menu is displayed.
2. **Touch the "mode" to change to.**



3. **Touch Close .**

▼



Playback in the selected mode starts.

NOTE

- To cancel the selected playback mode, touch the playback mode selected in Step 2 again.

Sub-menu

Repeat	Repeat playback of the track currently being played.
Scan	Play the first 10 seconds of each of the tracks on the whole disc in order.
Random	Play the tracks on the disc in a random order.
Sound Control	Adjusts the sound quality. → "Adjusting the Sound Quality" on page 3-09
Current Track *1	Moves the current song to the head of the Track List.

*1: These items are only in the sub-menu displayed during list display.

Listening to Audio Files on a Disc

This explains how to listen to audio files on a disc.

Insert a disc in this product to automatically start playback.→ “Inserting the Disc” on page 2-03

NOTE

- Operate with an audio file disc loaded into this product.

1. **Press the MEDIA key.**
   The media last played is resumed. When the media playback screen is displayed, the media source changes each time the key is pressed.

▼

   The audio file playback information screen is displayed.
2. **Turn the TUNE key to select the folder.**



3. **Press the SEEK TRACK key or SEEK TRACK key to select the track.**

▼

The selected track is played back.

NOTE

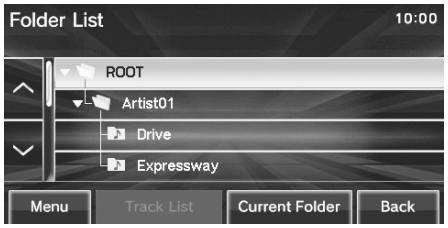
- You can fast forward or rewind the track being played by holding down the SEEK TRACK key or SEEK TRACK key.
- By pressing the [HOME] key to display the home screen, then selecting a source from that screen, you can select the media source.

Displaying a List

When you display a list, you can check the folder levels while searching for tracks.

1. **On the audio file playback information screen, touch Folder List , then touch ROOT .**

▼



A folder list is displayed.

2. **Select a folder, then touch Track List .**

▼



A track list is displayed.

3. **Touch Playback Info .**

▼

The display returns to the audio file playback information screen.

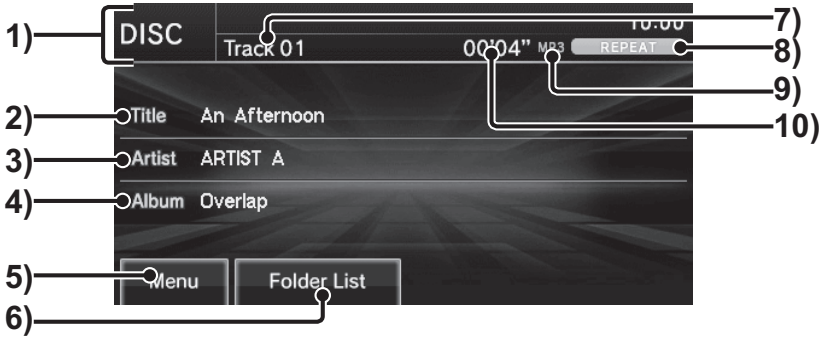
2

NOTE

- You can move the display one page by touching [˅] or [˄].

Displaying Contents

Playback Information Screen



1. **Source plate**
   Displays the name of the currently selected source, the track number currently being played, the playback time, the playback mode, etc.
2. **Title name**
   If there is title information, displays the title name. If there is no title information, displays “NO TITLE”.
3. **Artist name**
   If there is title information, displays the artist name. If there is no title information, displays “NO NAME”.
4. **Album name**
   If there is title information, displays the album name. If there is no title information, displays “NO TITLE”.
5. Menu (p. 2-29)
   Displays the sub-menu. Allows you to change the playback mode, etc.
6. Folder List
   Displays a folder list.
   →“Lists” on page 2-27
7. **Track number**
8. **Playback mode display**
   Displays the current playback mode.
   → “Switching Playback Mode” on page 2-29

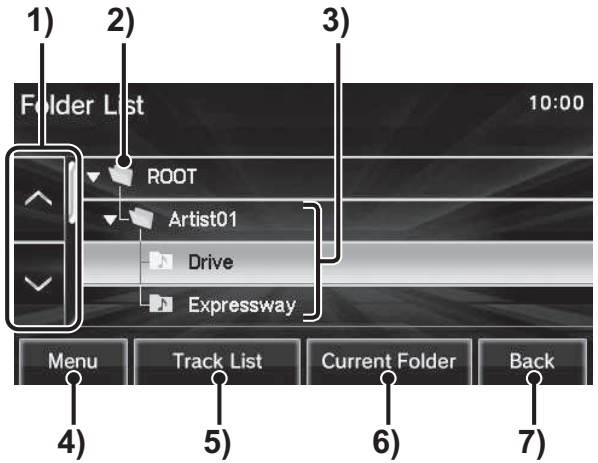
REPEAT : Repeat play
FOLDER REPEAT : Folder repeat play
SCAN : Scan play
FOLDER SCAN : Folder scan play
RANDOM : Random play
ALL RANDOM : All random play

9. **File format**
   Displays the format of the audio file being played.

10. **Playback time**

2 Lists

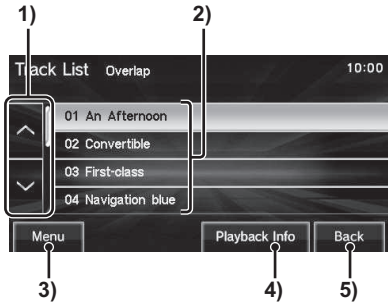
Folder List



1. **Cursor switch**
   Scrolls pages.
2. **ROOT**
   Shows the topmost level.
3. **Folder name**
   Touching this expands the folder.
   shows a folder that contains tracks.
   shows the folder for the track being played back.
4. Menu (p. 2-29)
   Displays the sub-menu. Allows you to change the playback mode, etc.
5. Track List
   Expands the selected folder.
6. Current folder
   A folder list is displayed with the folder currently played first on the list.
7. Back
   Returns to the audio file playback information screen.

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Track List

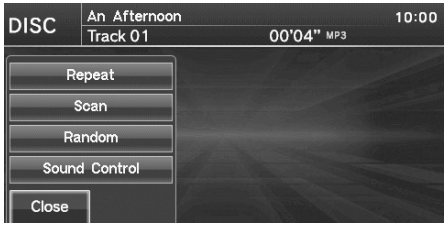


1. **Cursor switch**
   Scrolls pages.
2. **Track number/file name**
   Touching this starts playback of the tracks.
3. Menu (p. 2-29)
   Displays the sub-menu. Allows you to change the playback mode, etc.
4. Playback Info
   Returns to the audio file playback information screen.
5. Back
   Returns to the folder list.

Switching Playback Mode

Repeat playback, random playback, and scan playback are possible.

1. **On the audio file playback information screen or on the list display, touch Menu .**
   The sub-menu is displayed.
2. **Touch the "mode" to change to.**



3. **Touch Close .**

▼



Playback in the selected mode starts.

Sub-menu

Repeat	Each time this is touched, the mode switches in the order "Repeat", "Folder repeat", and "Cancel". **Repeat:** Repeat playback of the track currently being played. **Folder repeat:** Repeat playback of the tracks within the folder currently being played.
Scan	Each time this is touched, the mode switches in the order "Scan", "Folder scan", and "Cancel". **Scan:** Play the first 10 seconds of each of the tracks in the folder currently being played in order. **Folder scan:** Play the first 10 seconds of the first track in each folder on the medium in order.

*1: These items are only in the sub-menu displayed during list display.

Random	Each time this is touched, the mode switches in the order “Random”, “All random”, and “Cancel”. **Random:** Play tracks in the folder currently being played in a random order. **All random:** Play all the tracks on the medium in a random order.
Sound Control	Adjusts the sound quality. → “Adjusting the Sound Quality” on page 3-09
Current Track *1	Moves to the current Track List.
ROOT *1	Moves to the topmost level and collapses all folders in the view.
Folder Playback *1	Starts playback from the first track in the selected folder.

*1: These items are only in the sub-menu displayed during list display.

Listening to Mixed Discs

This explains how to listen to a disc on which both an audio CD (CD-DA/CD-TEXT) and audio files (MP3/WMA/AAC) are recorded.
Insert a disc in this product to automatically start playback.
→ “Inserting the Disc” on page 2-03

NOTE

- Operate with a mixed disc loaded into this product.

1. **Press the MEDIA key.**
   The media last played is resumed.
   When the media playback screen is displayed, the media source changes each time the key is pressed.

   ▼

   The mixed disc playback information screen is displayed.

2. **Touch CD or MP3/WMA/AAC .**



▼

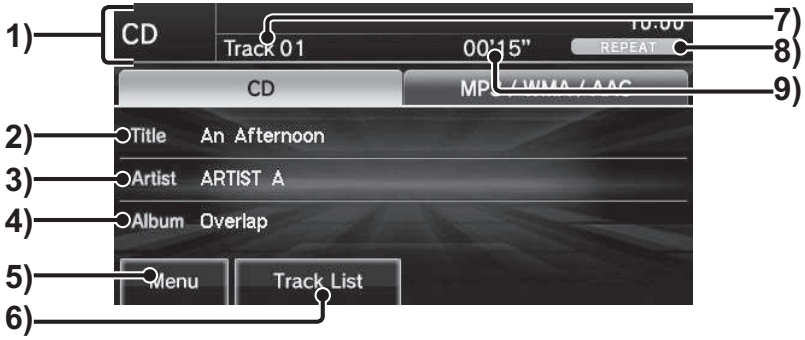
The following operations are the same for listening to an audio CD or to audio files.

NOTE

- If you touch [CD], refer to “Listening to CDs” on page 2-21.
- If you touch [MP3/WMA/AAC], refer to “Listening to Audio Files on a Disc” on page 2-24.
- By pressing the [HOME] key to display the home screen, then selecting a source from that screen, you can select the media source.

Displaying Contents

Playback Information Screen (When [CD] Is Touched)



1. **Source plate**
   Displays the name of the currently selected source, the track number currently being played, the playback time, the playback mode, etc.
2. **Title name**
   If there is title information, displays the title name. If there is no title information, displays “NO TITLE”.
3. **Artist name**
   If there is title information, displays the artist name. If there is no title information, displays “NO NAME”.
4. **Album name**
   If there is title information, displays the album name. If there is no title information, displays “NO TITLE”.
5. Menu (p. 2-24)
   Displays the sub-menu. Allows you to change the playback mode, etc.
6. Track List
   Displays a track list.
   → “Displaying a List” on page 2-21
7. **Track number**
8. **Playback mode display**
   Displays the current playback mode.
   → “Switching Playback Mode” on page 2-24

REPEAT : Repeat play

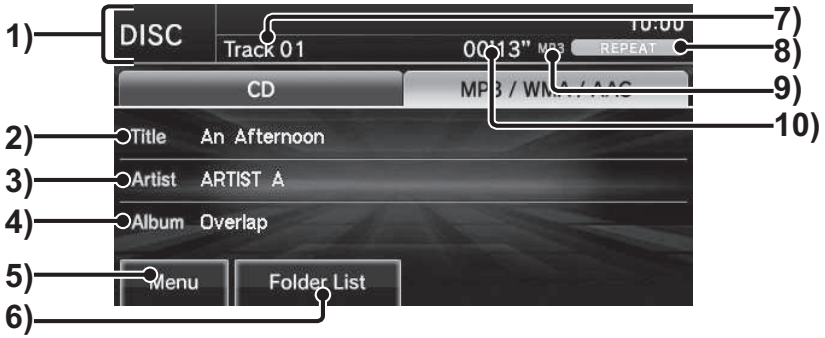
SCAN : Scan play

RANDOM : Random play

9. **Playback time**

Playback Information Screen (When [MP3/WMA/AAC] Is Touched)

2



1. **Source plate**
   Displays the name of the currently selected source, the track number currently being played, the playback time, the playback mode, etc.
2. **Title name**
   If there is title information, displays the title name. If there is no title information, displays “NO TITLE”.
3. **Artist name**
   If there is title information, displays the artist name. If there is no title information, displays “NO NAME”.
4. **Album name**
   If there is title information, displays the album name. If there is no title information, displays “NO TITLE”.
5. Menu (p. 2-29)
   Displays the sub-menu. Allows you to change the playback mode, etc.
6. Folder List
   Displays a folder list.
   → “Lists” on page 2-27
7. **Track number**
8. **Playback mode display**
   Displays the current playback mode.
   → “Switching Playback Mode” on page 2-29

REPEAT : Repeat play
FOLDER REPEAT : Folder repeat play
SCAN : Scan play
FOLDER SCAN : Folder scan play
RANDOM : Random play
ALL RANDOM : All random play

9. **File format**
   Displays the format of the audio file being played.
10. **Playback time**

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iPod/USB

Use an iPod

By connecting commercially-available iPod/iPhone devices to this product, you can play back tracks on these through the product.

⚠ CAUTION

- Never hold an iPod/iPhone in your hand and operate it while driving, as this is dangerous.
- Do not leave the iPod/iPhone unattended in the vehicle.
- No indemnification for data loss resulting when the iPod/iPhone is connected to the product will be possible.
- Depending on how devices are handled, audio files can be damaged or lost, therefore it is recommended that data be backed up.

NOTE

- Depending on the generation, model, or software version of the iPod/iPhone, playback on this product may not be possible. (→p. 1-03)
  Additionally, playback as explained in this document may not be possible.

NOTE

- Please refer to your vehicle's user manual regarding details such as types of iPod/iPhone that can be connected to Equipment by type (vehicles with a Bluetooth® 2.0 interface), and types of files that can be played back.
- Updating your software sometimes changes the functions that can be used connected with this product.
- Operate the iPod/iPhone while connected to this product.
- Please refer to your vehicle's user manual regarding how to connect the iPod/iPhone.
- When connecting the iPod/iPhone, use any commercially-available iPod cable.
- If the iPod/iPhone is connected via Bluetooth as a Bluetooth- capable audio device, then do not connect the iPod/iPhone using an iPod cable. Connection using both methods will result in erroneous operation.
- If an iPod/iPhone does not operate correctly, then remove the iPod/iPhone from the product, reset, then reconnect.
- Viewing videos is not possible even if the iPod/iPhone supports video playback functions.
- Set up the device in order that no unsafe actions, such as plugging in the connection cable are taken while driving.
- When inserting and removing the iPod/iPhone, for safety's sake first stop the vehicle.

NOTE

- Depending on the status of the iPod/iPhone, it may take some time until the device is recognized, or playback starts.
- Buttons on the product will not operate while iPod/iPhone is connected.
- iPod/iPhone specifications and settings may mean that connection is not possible, or result in differences in operation or display.
- Depending on audio data in the iPod/iPhone, track information may not be displayed correctly.
- Depending on the status of the vehicle and device, the iPod/iPhone may not play back after starting the engine.
- Data containing copyright information may not play back.
- It is recommended that the iPod/iPhone equaliser settings be set to flat.

Play iPod

1. **Press the MEDIA key.**
   The media last played is resumed.
   When the media playback screen is displayed, the media source changes each time the key is pressed.

   ▼

   The iPod playback information screen is displayed.

2. **Press the ⏮ SEEK TRACK key or SEEK TRACK ⏭ key to select the track.**

▼

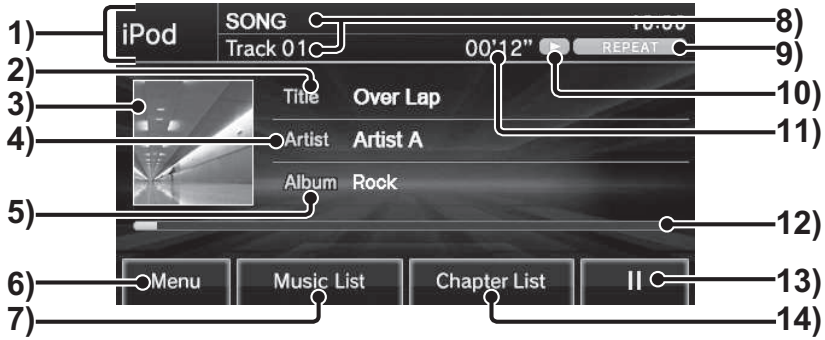
The selected track is played back.

NOTE

- You can fast forward or rewind the track being played by holding down the ⏮ SEEK TRACK key or SEEK TRACK ⏭ key.
- By pressing the [HOME] key to display the home screen, then selecting a source from that screen, you can select the media source.

Displaying Contents

iPod Playback Information Screen



1. **Source plate**
   Displays the name of the currently selected source, the track number currently being played, the playback time, the playback mode, etc.
2. **Title name**
   If there is title information, displays the title name. If there is no title information, displays “NO TITLE”.
3. **Artwork** *1
   If there is artwork information in the iPod, displays the picture.
4. **Artist name**
   If there is title information, displays the artist name. If there is no title information, displays “NO NAME”.
5. **Album name**
   If there is title information, displays the album name. If there is no title information, displays “NO TITLE”.
6. **Menu**
   Touching this displays a sub-menu that allows you to change the playback mode, etc.→“Sub-menu” on page 2-37
7. **Music List**
   Displays the Music List.
   → “Displaying Contents” on page 2-37
8. **Track name** *2 **/track number**
   If there are track names in the title information, displays them.
9. **Playback mode display**
   Displays the current playback mode.
   →“Switching Playback Mode” on page 2-37

REPEAT : Single repeat play

SHUFFLE : Shuffle play

ALBUM-SHUFFLE : Album shuffle play

RPT/SHUFFLE : Single repeat/Shuffle play

RPT/ALBUM-SFL : Single repeat/ Album shuffle play

10. **Status icon**

: Play

: Play (playback speed: fast)*2

: Play (playback speed: slow)*2

: Pause

: Stop

: Fast forward

: Rewind

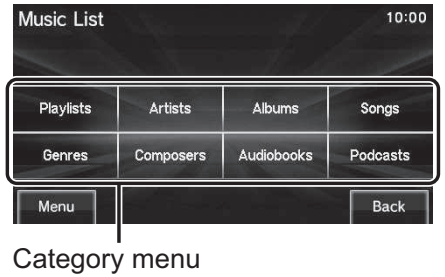
11. **Playback time**
12. **Progress bar** *1
    Displays the proportion of the track that has been played.
13. ▶ , II *1
    Allows you to play or pause.
14. Chapter List *1
    Displays the chapter list for an audio book.
    → “Displaying a List of Chapters” on page 2-38

*1) Not displayed for Equipment by type (vehicles with a Bluetooth® 2.0 interface).

*2) Only during audio book playback

Music List

Touching [Music List] on the iPod playback information screen will display the iPod menu. Lists of various categories can be displayed from the music list.

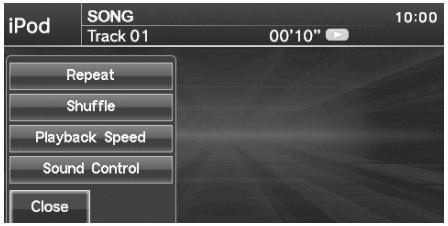


Category menu	Displays the list of categories. → “Search by List” on page 2-38
Back	Returns to the playback information screen. → “iPod Playback Information Screen” on page 2-35
Menu	Displays a submenu, changes the playback mode etc. →“Sub-menu” on page 2-37

Switching Playback Mode

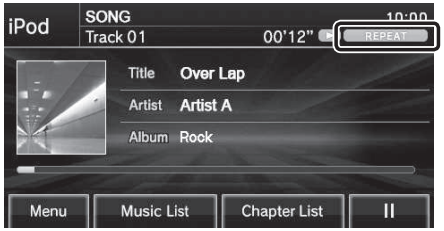
Repeat playback, random playback, etc. are possible.

1. **On the iPod playback information screen, touch** [Menu] **.**
   The sub-menu is displayed.
2. **Touch the “mode” to change to.**



3. **Touch** [Close] **.**

▼



Playback in the selected mode starts.

Sub-menu

Repeat	Each time this is touched, the mode switches between “Repeat” and “Cancel”. **Repeat:** Repeat playback of the track currently being played. When repeating is cancelled, the tracks on the current level are repeated.
Shuffle	Each time this is touched, the mode switches in the order “Shuffle”, “Album shuffle”, and “Cancel”. **Shuffle:** Play tracks on the current level in a random order. **Album shuffle:** Play all the albums on the current level in a random order. However, the order within albums is not changed.
Playback Speed *1	Each time this is touched, the mode switches in the order  (Normal),  (Fast),  (Slow), and  (Normal). This is only for audio book tracks.

Sound Control	Adjusts the sound quality. → "Adjusting the Sound Quality" on page 3-09

*1 This menu is not displayed for Equipment by type (vehicles with a Bluetooth® 2.0 interface).

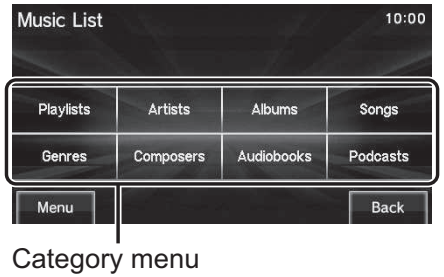
NOTE

- During repeat play, even if shuffle or album shuffle is started, repeat play continues.

Search by List

Touching a category on the Music List (p. 2-35) displays a list of the categories. By touching the list, you can check album names and track names while searching for the tracks you want.

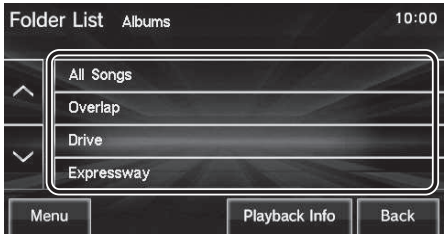
1. **On the iPod playback information screen, touch Music List .**
   Displays the music list.
2. **Touch "category".**



▼

A list of the selected category is displayed.

3. **Touch the "item" to play from the list.**



▼

A list of the selected item is displayed.

Repeat Step 3 to search for tracks.
When you touch the track to play from the list, playback starts.

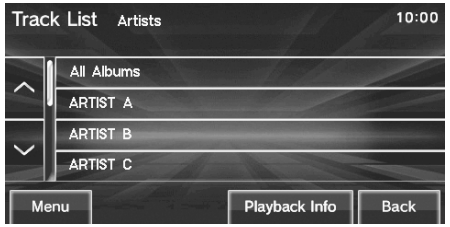
NOTE

- The level of items operated on in Step 3 depends on which category you selected in Step 2.
- The title information recorded into the iPod is displayed on the list.

Displaying the playback information screen

When a list is displayed, the iPod playback information screen for the track currently being played can be displayed.

1. **On the list display screen, touch Playback Info .**



▼



Displaying a List of Chapters

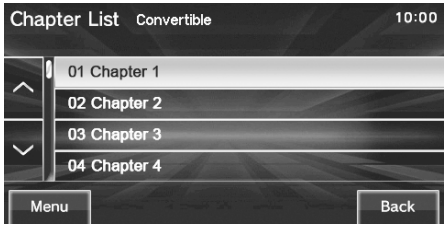
If there is an audio book recording in the iPod, you can display a list of the chapters in that audio book and play chapter by chapter. The following explains operations from the music playback information screen.

NOTE

- This function cannot be used on an iPod that does not have an audio book playback function.
- This function cannot be used with a Bluetooth connection.

1. **During audio book playback, on the music playback information screen, touch** Chapter List **.**

▼



Using a USB Device

By connecting commercially-available USB devices such as USB memory to this product, you can play back audio files on these through the product.

CAUTION

- Never hold a USB device in your hand and operate it while driving, as this is dangerous.
- Do not leave the USB device unattended in the vehicle.
- Do not use hard discs, card readers, or memory readers, as damage may occur to these or to the data contained therein. If these are erroneously connected, then turn the engine ignition “OFF”, then remove.

CAUTION

- No guarantee is made as regards damage to the USB device, nor regarding loss or damage to data contained therein.
- Depending on how devices are handled, audio files can be damaged or lost, therefore it is recommended that data be backed up.

NOTE

- Please refer to your vehicle’s user manual regarding details such as types of USB devices that can be connected and USB input ports.
- Please refer to your vehicle’s user manual regarding details of types of files that can be played back in Equipment by type (vehicles with a Bluetooth® 2.0 interface).
- Please refer to your vehicle’s user manual regarding how to connect USB devices.
- Depending on the type of USB device, usage may not be possible, or functions that can be used may be restricted.
- The recommended file system for USB memory is FAT32.
- The maximum supported capacity for USB memory is 32GB.
- Operate the USB device containing recorded audio files while connected to this product.
- When connecting a USB device, use any commercially-available connection cable. Failure to use a connection cable when connecting may place undue load on, or damage the USB connector.

NOTE

- Set up the device in order that no unsafe actions, such as plugging in the connection cable are taken while driving.
- When inserting and removing the USB device, for safety's sake first stop the vehicle.
- Do not insert other than audio devices into the USB port. Damage to the device or equipment may result.
- Depending on the status of the USB device, it may take some time until the device is recognized, or playback starts.
- Depending on USB devices, buttons on the product will not operate while the USB device is connected.
- Data containing copyright information may not play back.
- USB device specifications and settings may mean that connection is not possible, or result in differences in operation or display.

NOTE

- Depending on audio data in the USB device, track information may not be displayed correctly.
- Depending on the status of the vehicle and device, the iPod/iPhone may not play back after starting the engine.

Listening to Audio Files on a USB Device

1. **Press the MEDIA key.**
   The media last played is resumed.
   When the media playback screen is displayed, the media source changes each time the key is pressed.

   ▼

   The USB device playback information screen is displayed.
2. **Turn the TUNE key to select the folder.**
3. **Press the ⏮ SEEK TRACK key or SEEK TRACK ⏭ key to select the track.**

   ▼

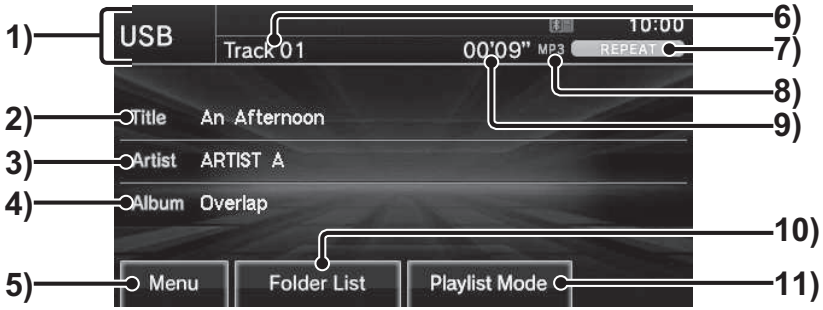
   The selected track is played back.

NOTE

- You can fast forward or rewind the track being played by holding down the ⏮ SEEK TRACK key or SEEK TRACK ⏭ key.
- By pressing the [HOME] key to display the home screen, then selecting a source from that screen, you can select the media source.

Displaying Contents

Playback Information Screen



1. **Source plate**
   Displays the name of the currently selected source, the track number currently being played, the playback time, the playback mode, etc.
2. **Title name**
   If there is title information, displays the title name. If there is no title information, displays “NO TITLE”.
3. **Artist name**
   If there is title information, displays the artist name. If there is no title information, displays “NO NAME”.
4. **Album name**
   If there is title information, displays the album name. If there is no title information, displays “NO TITLE”.
5. Menu
   Displays the sub-menu. Allows you to change the playback mode, etc.
   → “Sub-Menu” on page 2-45
6. **Track number**
7. **Playback mode display**
   Displays the current playback mode.
   → “Switching Playback Mode” on page 2-45

REPEAT : Repeat play
FOLDER REPEAT : Folder repeat play
SCAN : Scan play
FOLDER SCAN : Folder scan play
RANDOM : Random play
ALL RANDOM : All random play
REPEAT : Single repeat play*1
SHUFFLE : Shuffle play*1
ALBUM-SHUFFLE : Album shuffle play*1
RPT/SHUFFLE : Single repeat/ Shuffle play*1
RPT/ALBUM-SFL : Single repeat/ Album shuffle play*1

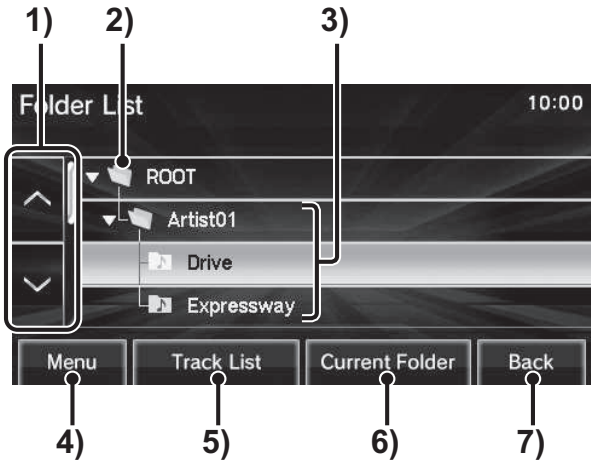
8. **File format**
   Displays the format of the audio file being played.
   This is not displayed in playlist mode.
9. **Playback time**
10. Folder List
    Displays a folder list.
    → “Lists” on page 2-41
    Also, when [Playlist Mode] is ON, [Music Menu] is displayed. Touching this displays the music menu.
    → “Music List” on page 2-44
11. Playlist Mode *2
    If there is title information in the USB device, they are displayed.
    When you touch this to switch it ON, [Folder List] changes to [Music List] and the music menu can now be displayed.

*1) Only in playlist mode

*2) Equipment by type (vehicles with a Bluetooth® 2.0 interface) only

Lists

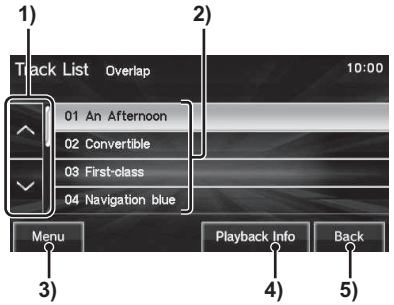
Folder List



1. **Cursor switch**
   Scrolls pages.
2. **ROOT**
   Shows the topmost level.
3. **Folder name**
   Touching this expands the folder.
   shows a folder that contains tracks.
   shows the folder for the track being played back.
4. Menu (p. 2-45)
   Displays the sub-menu. Allows you to change the playback mode, etc.
5. Track List
   Expands the selected folder.
6. Current folder
   A folder list is displayed with the folder currently played first on the list.
7. Back
   Returns to the USB device playback information screen.

2

Track List



1. **Cursor switch**
   Scrolls pages.
2. **Track number/file name**
   Touching this starts playback of the tracks.
3. Menu (p. 2-45)
   Displays the sub-menu. Allows you to change the playback mode, etc.
4. Playback Info
   Returns to the USB device playback information screen.
5. Back
   Returns to the folder list.

Displaying a List

When you display a list, you can check the folder levels while searching for tracks.

1. **On the USB device playback information screen, touch Folder List , then touch ROOT .**

▼

A folder list is displayed.

2. **Select a folder, then touch Track List .**

▼



A track list is displayed.

3. **Touch Playback Info .**

▼

The display returns to the USB device playback information screen.

NOTE

- You can move the display one page by touching ⌄ or ⌃ .

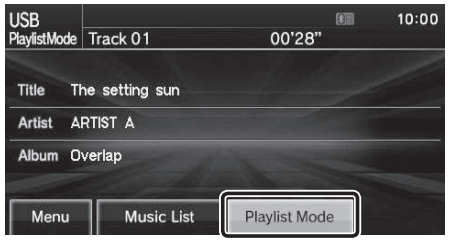
Displaying the Music List

Equipment by type Vehicles with a Bluetooth® 2.0 interface

When the music menu is displayed, you can display a music list for each artist or album.

1. **On the USB device playback information screen, touch Playlist Mode .**

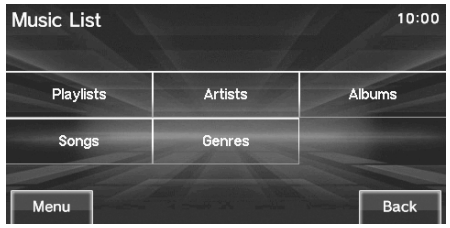
▼



[Playlist] comes ON and [Folder List] changes to [Music List].

2. **Touch Music List .**
   Displays the music list.

3. **Touch any “menu”.**

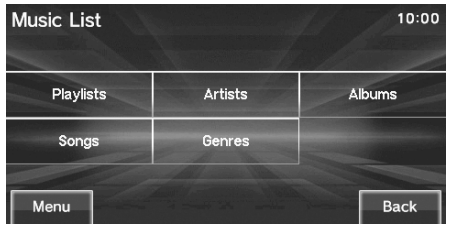


▼

The list corresponding to the menu item is displayed.

Music List

The following explains the menu displayed when [Playlist Mode] is ON on the playback information screen and you touch [Music List].



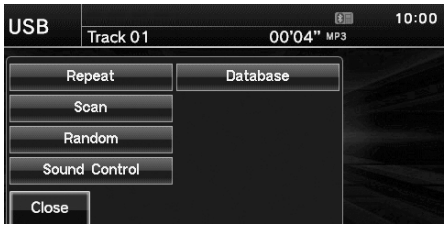
Playlists	Displays the Playlist list.
Artist	Displays the Artist list.
Albums	Displays the Album list.
Songs	Displays the Song list.
Genres	Displays the Genre list.
Back	Returns to the playback information screen. →“Displaying Contents” on page 2-41
Menu	Displays a submenu and changes the playback mode, etc. →“Sub-Menu” on page 2-45

Switching Playback Mode

Repeat playback, random playback, and scan playback are possible.

1. **On the USB device playback information screen or on the list display, touch** [Menu] **.**
   The sub-menu is displayed.

2. **Touch the “mode” to change to.**



3. **Touch** [Close] **.**

▼



Playback in the selected mode starts.

2

Sub-menu

Repeat	Each time this is touched, the mode switches in the order “Repeat”, “Folder repeat”, and “Cancel”. **Repeat:** Repeat playback of the track currently being played. **Folder repeat:** Repeat playback of the tracks within the folder currently being played.
Scan *1	Each time this is touched, the mode switches in the order “Scan”, “Folder scan”, and “Cancel”. **Scan:** Play the first 10 seconds of each of the tracks in the folder currently being played in order. **Folder scan:** Play the first 10 seconds of the first track in each folder on the medium in order.
Random *1	Each time this is touched, the mode switches in the order “Random”, “All random”, and “Cancel”. **Random:** Play tracks in the folder currently being played in a random order. **All random:** Play all the tracks on the medium in a random order.
Shuffle *2	Each time this is touched, the mode switches in the order “Shuffle”, “Album shuffle”, and “Cancel”. **Shuffle:** Play tracks on the current level in a random order. **Album shuffle:** Play all the albums on the current level in a random order. However, the order within albums is not changed.
Sound Control	Adjusts the sound quality. →“Adjusting the Sound Quality” on page 3-09
Current Track *3	Moves to the current Track List.
ROOT *3	Moves to the topmost level and collapses all folders in the view.
Folder Playback *3	Starts playback from the first track in the selected folder.
Database *4	Allows you to check the Gracenote version.

*1) This is not displayed during playlist mode.

*2) Only in playlist mode.

*3) These items are only in the sub-menu displayed during folder list display.

*4) This item is only for Equipment by type (vehicles with a Bluetooth® 2.0 interface).

External Input Devices

Use Bluetooth Audio

Equipment by type

(Vehicles with a Bluetooth® 2.0 interface).
This product can play back tracks on commercially-available Bluetooth-capable audio devices.

⚠ CAUTION

- Never hold a Bluetooth-capable audio device in your hand and operate it while driving, as this is dangerous.
- Do not leave the Bluetooth audio device unattended in the vehicle.

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⚠ CAUTION

- Depending on how devices are handled, audio files can be damaged or lost, therefore it is recommended that data be backed up.

NOTE

- Depending on the type of Bluetooth-capable audio devices, usage may not be possible, or functions that can be used may be restricted.
- Updating your software sometimes changes the functions that can be used connected with this product.
- Even when a Bluetooth-capable audio device is connected to this product, the hands-free function (“Mobile Phone” on page 3-02) can be used via Bluetooth connection from a separate device.
- Confirm together with the user manuals for the commercially- available Bluetooth-capable audio devices.
- Depending on the type of Bluetooth-capable audio devices, volume levels may differ. There is the danger of loud volumes, so prior to use, it is recommended that you turn the volume down.
  →“Adjusting the Volume” on page 2-02
- Depending on the status of the Bluetooth audio device, it may take some time until the device is recognized, or playback starts.
- Bluetooth audio device specifications and settings may mean that connection is not possible, or result in differences in operation or display.

NOTE

- Depending on audio data in the Bluetooth audio device, track information may not be displayed correctly.
- Depending on the status of the vehicle and device, the iPod/iPhone may not play back after starting the engine.
- Data containing copyright information may not play back.
- It is recommended that the Bluetooth audio device equaliser settings be set to flat.
- The first time you listen to Bluetooth audio, you must make the connection settings. (p. 2-46)

Connect a Bluetooth-capable Audio Device

This product and the Bluetooth-capable audio device use the Bluetooth function to connect. For details on how to connect, refer to “Bluetooth Setting” on page 3-17.
Operation methods below describe situations once connection has been completed.

NOTE

- If the iPod/iPhone is connected via Bluetooth as a Bluetooth- capable audio device, then do not connect the iPod/iPhone using an iPod cable. Connection using both methods will result in erroneous operation.

Listening to a Bluetooth-capable Audio Device

1. **Press the MEDIA key.**
   The media last played is resumed.
   When the media playback screen is displayed, the media source changes each time the key is pressed.

   ▼

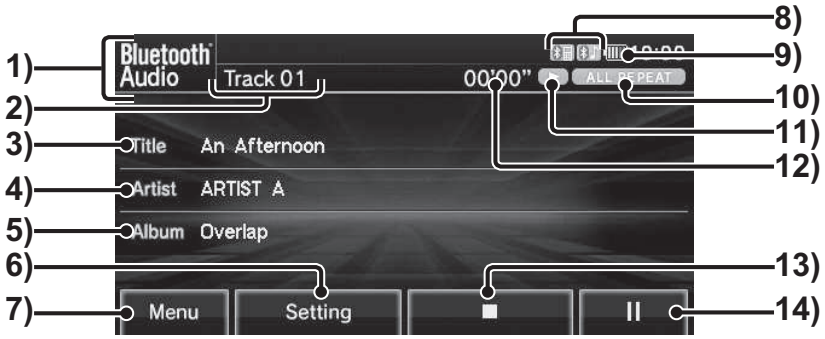
   The Bluetooth audio playback information screen is displayed.
2. **Press the ⏮ SEEK TRACK key or SEEK TRACK ⏭ key to select the track.**

NOTE

- You can fast forward or rewind the track being played by holding down the ⏮ SEEK TRACK key or SEEK TRACK ⏭ key.
- By pressing the [HOME] key to display the home screen, then selecting a source from that screen, you can select the media source.

Displaying Contents

Playback Information Screen



1. **Source plate**
   Displays the name of the currently selected source, the track number currently being played, the playback time, the playback mode, etc.
2. **Track number**
3. **Title name** *1
   If there is title information, displays the title name. If there is no title information, displays “NO TITLE”.
4. **Artist name** *1
   If there is title information, displays the artist name. If there is no title information, displays “NO NAME”.
5. **Album name** *1
   If there is title information, displays the album name. If there is no title information, displays “NO TITLE”.
6. Setting
   Allows you to make Bluetooth related settings. →3-17
7. Menu (p. 2-49)
   Displays the sub-menu. Allows you to change the playback mode, etc.
8. **Bluetooth connection icon**

: Audio connection status

: Telephone connection status

9. **Battery remaining capacity display** *1
   Displays the amount of battery power remaining for the connected Bluetooth-capable audio device.
10. **Playback mode display** *1, *2

REPEAT : Repeat play

ALL REPEAT : All repeat play

SCAN : Scan play

RANDOM : Random play

ALL RANDOM : All random play

11. **Status icon** *1

: Play

: Pause

: Stop

: Fast forward

: Rewind

12. **Playback time***1,

13. ■
Stops playback.

14. ►, ❚❚
Allows you to play or pause.

*1) Not displayed when AVRCP is v1.0.

*2) Not displayed when information cannot be obtained.

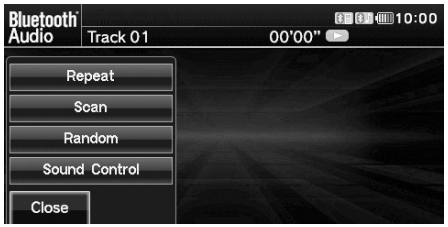
Switching Playback Mode

Repeat playback, random playback, and scan playback are possible.

* This function cannot be used when AVRCP is v1.0.

1. **On the Bluetooth audio playback information screen or other screen, touch** Menu **.**
The sub-menu is displayed.

2. **Touch the "mode" to change to**



3. **Touch** Close **.**

▼



Playback in the selected mode starts.

Sub-menu

Repeat *1	Each time this is touched, the mode switches in the order “Repeat”, “All repeat”, and “Cancel”. **Repeat:** Repeat playback of the track currently being played. **All repeat:** Repeat playback of all the tracks in the Bluetooth-capable audio device.
Scan *1	Each time this is touched, the mode switches in the order “Scan”, and “Cancel”. **Scan:** Play the first 10 seconds of each of the tracks in the group currently being played in order.
Random *1	Every time this is touched, the mode switches in the order “Random”, “All Random” and “Cancel”. **Random:** Plays the tracks of the current album being played in random order. **All Random:** Plays all the tracks in the Bluetooth-capable audio device in random order.
Sound Control	Adjusts the sound quality. → “Adjusting the Sound Quality” on page 3-09

*1) The operation may differ depending on the Bluetooth-capable device used.

Using AUX

Equipment by type

By connecting external input cables and AUX devices to this product, you can play back tracks on these devices through the product.

⚠ CAUTION

- Connect an audio device with external sound input mode cancelled, or with the sound turned down.
- Even when no device is connected, the product will switch to AUX, therefore take care with volume levels when no device is connected.
- Video from AUX devices cannot be viewed.
- If this is used with the engine stopped, it may run down the battery and make it impossible to start the engine.

NOTE

- Even if the device is switched to AUX, this function cannot be used if there is no AUX port on the vehicle.
- Depending on the audio device to be connected, noise may be emitted.
- For power, use the battery power source included in the audio device to be connected. Using the connected audio device while charging through the cigarette lighter socket in the vehicle may lead to noise being emitted through the speakers.
- If no audio devices are connected, then do not select the external sound input mode. If external sound input mode is selected while no audio devices are connected, then sound may be emitted through the speakers.
- Please refer to your vehicle’s user manual regarding how to connect AUX devices.

Displaying

1. **Press the MEDIA key.**
   The media last played is resumed.
   When the media playback screen is displayed, the media source changes each time the key is pressed.

   ▼

   This outputs the audio from the AUX device.

NOTE

- The [AUX] touch switch is displayed even if no AUX device is connected to this product.

NOTE

- Touching [Menu] then [Sound Control] lets you adjust the sound quality.
  → “Adjusting the Sound Quality” on page 3-09
- By pressing the [HOME] key to display the home screen, then selecting a source from that screen, you can select the media source.

INFO/SETTINGS

3

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Mobile Phone..... 3-02
Other Info..... 3-08
SETTINGS 3-09
Adjusting the Sound Quality..... 3-09
System Settings..... 3-12
Other Settings..... 3-15

INFO

Mobile Phone

3

Equipment by type

(Vehicles with a Bluetooth® 2.0 interface).
Connecting your mobile phone to this product with Bluetooth lets you use the hands-free function.

⚠ WARNING

- **For safety's sake, do not operate the mobile phone while driving. When operating the mobile phone, first stop the vehicle in a safe location.**
- **Do not leave your mobile phone unattended in the vehicle. If your mobile phone rolls underfoot when you stop the vehicle or when you go around a curve and it get under the brake pedal, it can interfere with driving and cause an accident.**

NOTE

- Cancel functions such as the mobile phone "dial lock", and connect while on the standby screen.
- While connected, mobile phone (receiving calls, etc.) operations may not function correctly.

NOTE

- Depending on the distance between the product and the mobile phone, the conditions within the vehicle, and types of screening, connection may not be possible. In these cases, situate the mobile phone as close as possible to the product.
- This product allows you to register a total of 7 Bluetooth devices, including Bluetooth-capable mobile phones and audio devices.
- Even though a Bluetooth-capable mobile phone, characteristics and specifications may mean that correct operation may not be possible.
- Even though a Bluetooth-capable mobile phone, phone specifications and settings may result in differences in display, or prevent correct operation.
- Some models may not be confirmed as connected, or may not connect.

Connect Your Mobile Phone

This product and your mobile phone use the Bluetooth function to connect.
For details on how to connect, refer to "Bluetooth Setting" on page 3-17.
Operation methods below describe situations once connection has been completed.

NOTE

- This requires a mobile phone that can be connected to the Bluetooth.

Displaying the Phone book

There is the vehicle phone book registered in this product and the mobile phone book that can draw on the data in your mobile phone.

1. **Press the HOME key or touch PHONE .**

▼



The vehicle phone book screen is displayed.

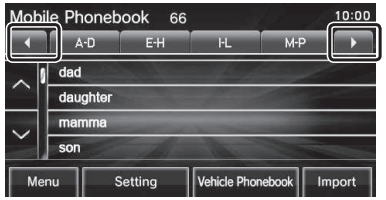
NOTE

- Telephone numbers in the mobile phone book cannot be registered, edited, or deleted from this product.
- If the vehicle phone book screen is being displayed and you want to look at the mobile phone book, touch [Mobile Phone book].
- If the mobile phone book screen is being displayed and you want to look at the vehicle phone book, touch [Vehicle Phone book].

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NOTE

- The first letter of the name can be changed by touching [◀] or [▶].
- If you touch the first letter of the name, a list is displayed with the selected letter first on the list.



Registering in Phone book

Telephone numbers can be registered.

Registering from Mobile Phone

You can load the phone book in your mobile phone into the vehicle phone book.

⚠ WARNING

- **Stop your vehicle in a safe location before starting vehicle phone book registration.**

NOTE

- The only data transferred is telephone numbers and names.

NOTE

- Up to 32 entries can be registered in the vehicle phone book.
- Up to 1000 entries can be registered in the mobile phone book.
- Even with a mobile phone that supports this function, with some models and settings, it is not possible to transfer all or some of the data.
- It may take a few minutes for the transfer to complete.
- Telephone numbers in the mobile phone book cannot be registered, edited, or erased from this product.
- For details on how to operate your mobile phone, please refer to the user manual for your mobile phone.

Reading in one Entry

1. **Display the vehicle phone book screen.**
   → "Displaying the Phone book" on page 3-02
2. **Touch** [Import] **.**
3. **Touch** [Yes] **.**
   Do this while the message "Import one phone book entry?" is displayed.
4. **Select a telephone number.**
   It is necessary to operate your mobile phone to select the telephone numbers to be transferred.
   For details, refer to the user manual for your mobile phone.

▼

When the loading from the mobile phone book is complete, the message "Import successful." is displayed.

NOTE

- Your mobile phone must support OPP (Object Push Profiles).
- The only data transferred is home, work, and mobile phone numbers.

Reading in All Entries

1. **Display the mobile phone book screen.**
   → "Displaying the Phone book" on page 3-02
2. **Touch** [Import] **.**
3. **Touch** [Yes] **.**
   Do this while the message "Import entire phone book from this phone?" is displayed.

▼

When the loading from the mobile phone book is complete, the message "Import successful." is displayed.

NOTE

- If there is already a vehicle phone book registered in this product, the phone book registration overwrites it.
- The only data transferred is home, work, and mobile phone numbers.
- Up to 32 entries can be registered in the vehicle phone book.
- Your mobile phone must support PBAP (Phone Book Access Profiles).

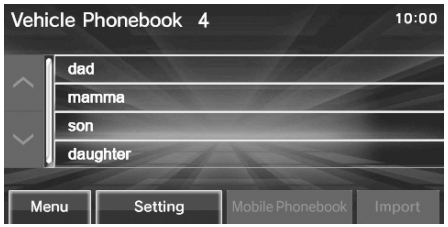
Edit a Phone book

You can edit a phone book that has been registered.

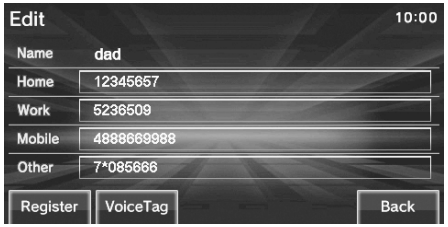
WARNING

- **Stop your vehicle in a safe location before editing vehicle phone book.**

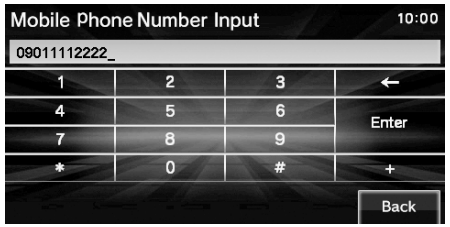
1. **Display the vehicle phone book screen.** → “Displaying the Phone book” on page 3-02
2. **Select and touch the “phone book” to edit.**



3. **Touch** Edit **.**
4. **Touch the “category” to edit.**



5. **Enter the telephone number, then touch** Enter **.**



NOTE

- Touching [Back] discards the contents of editing.
- On the edit screen, if you touch [Voice Tag], you can edit the voice tag.

Deleting a Phone book

You can delete a phone book that has been registered.

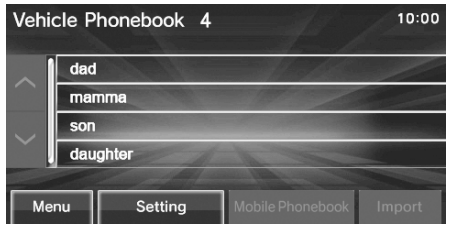
WARNING

- **Stop your vehicle in a safe location before deleting vehicle phone book.**

Deleting Only One Entry

1. **Display the vehicle phone book screen.** → “Displaying the Phone book” on page 3-02

2. **Select and touch the “phone book” to delete.**



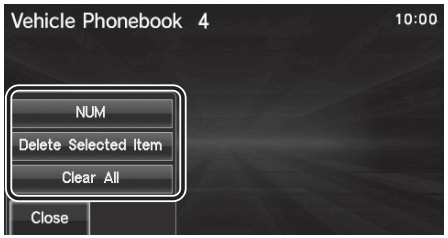
3. **Touch** [Delete] **.**
4. **Touch** [Yes] **.**

▼

The phone book deletion is complete.

Deleting Multiple Phone books

1. **Display the vehicle phone book screen.**
   → “Displaying the Phone book” on page 3-02
2. **Touch** [Menu] **.**
3. **Touch any of the “deletion methods”.**



Delete Selected Item	Select multiple phone books, then touch [Delete] to delete them.
Clear All	Deletes all the registered phone books.

4. **Touch** [Yes] **.**

▼

The phone book deletion is complete.

Dial a Telephone

There are a number of way to make a call.

⚠ CAUTION

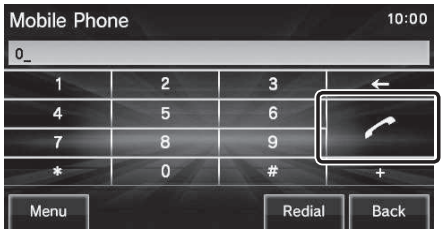
- As much as possible, refrain from phone calls while driving. First stop your vehicle in a safe location.

⚠ CAUTION

- Some mobile phones restrict calls to the same number to no more than 3 times in 3 minutes.

Calling by Entering a Telephone Number

1. **Display the vehicle phone book screen or the mobile phone book screen.**
   → “Displaying the Phone book” on page 3-02
2. **Touch** [Menu] **, and then** [NUM] **.**
3. **On the mobile phone screen, enter the telephone number.**



NOTE

- If you make a mistake for entering, touch [←] to clear one digit.

4. **Touch .**

▼

A call is started to the telephone number you entered.

Calling the Person You Were Just Talking with

1. **On the mobile phone screen, touch [Redial] .**

▼

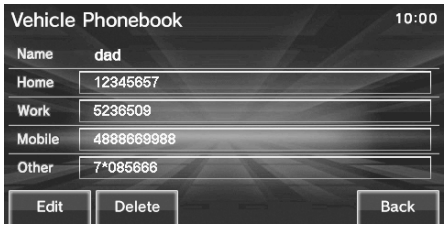
A call is started to the telephone number you were just talking with.

Making a Call from a Phone book

1. **Display the vehicle phone book screen or the mobile phone book screen.**
   → "Displaying the Phone book" on page 3-02
2. **Select and touch the "person to call".**



3. **Touch the "telephone number to call".**



4. **Touch [Yes] .**

▼

A call is started to the telephone number you selected.

Incoming Calls

The audio guide sounds and the incoming call screen is displayed.



NOTE

- Touching [Mute] switches off the function for the mic connected to this product. Touching [Mute Off] switches ON the mic function.
- Touching [Transfer Call] switches the speaker and mic functions to the mobile phone side. Touching [Cancel transfer] switches the speaker and mic functions to this product.
- The call volume is switched to the volume from the last call. The volume during this call will be the volume for the next call.

Answering an Incoming Call

1. **Press the "OFF HOOK" key on the steering wheel.**
   → "Steering Remote Control Switch Operation" on page 2-04

▼



You can now talk with the calling party.

NOTE

- You can also talk with the calling party by touching [Call].

Ending a Telephone Call

1. **Press the "ON HOOK" key on the steering wheel.**
   → "Steering Remote Control Switch Operation" on page 2-04

▼

This ends the incoming call.

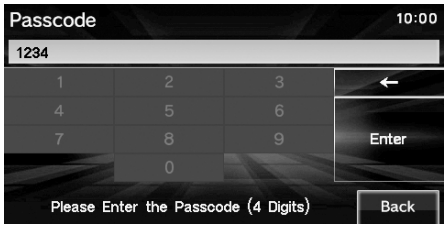
NOTE

- You can also end a call by touching [End].

Setting Passcode

You can lock the telephone function with a passcode to prevent any third party from using the telephone function without your approval.

1. **On the mobile phone screen, touch Menu then Lock .**
2. **Enter a four-digit "passcode", then touch Enter .**



▼

The passcode setting is complete.

CAUTION

- Do not forget this passcode. You will need to enter it the next time you use the telephone function.

NOTE

- This takes effect after the next startup.
- After turning the engine/power switch to LOCK/OFF, wait at least 30 seconds, then turn the engine/power switch to ACC or ON. If you turn the engine/power switch to ACC or ON too quickly, the new setting may not be set properly.
- If you have set a passcode, after turning the engine/power switch ON, check that the passcode is set correctly.

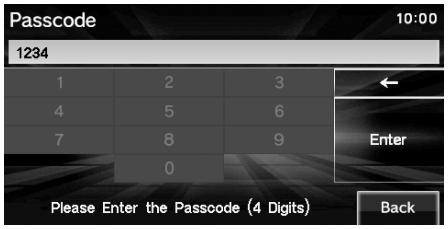
NOTE

- If you forget your passcode, consult your MITSUBISHI Motors Dealer.

Unlocking the Lock

Use the passcode to unlock the lock. The next time you use the telephone function, it is no longer necessary to enter a passcode.

1. **Press the HOME key or touch PHONE .**
2. **Enter the set a "passcode", then touch Enter .**



3. **Touch Menu , and then Unlock .**

▼

The unlocking of the passcode lock is complete.

Other Info

Camera

Equipment by type

The camera (rear, side, front) can display pictures of the rear, side, and front of the vehicle, which prevents blind spots. The type of camera equipped (rear, side, front) depends on the type of vehicle.
For information about the camera position, display range of each camera screen and other operations, please refer to the user manual.

Display using the gear shift position

1. **Move the gear shift position to "R".**

▼

The picture from the rear-view camera or Multi Around Monitor is displayed.

NOTE

- When you move the gear shift position to "R", the picture from rear-view camera is displayed regardless of audio function ON/OFF.

NOTE

- When you move the gear shift position from "R" into any other position with the audio function OFF, the display switches to the "HOME screen" from the rear-view camera display. The "HOME screen" is displayed for about ten seconds.
  While "HOME screen" is displayed, you can select the source that you want to use from that menu.

Display using the steering remote control switch

1. **Press the CAMERA key.**
   →"Steering Remote Control Switch Operation" on page 2-04

▼

By pressing the Camera key, the picture from the camera can be displayed.
The camera picture switches each time the Camera key is pressed.

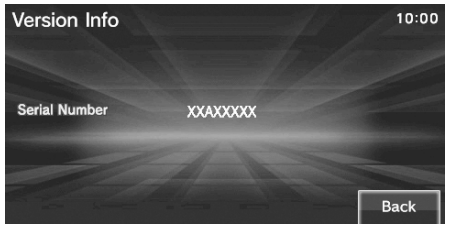
Version Info

Serial Number

You can check the serial number.

1. **Press the SETTING key or touch Version Info .**

▼



Displays the Version Info screen.

NOTE

- The screen can also be displayed by touching the [HOME] key → [Setting] → [Version Info].

Equipment by type

(Vehicles with a Bluetooth® 2.0 interface).

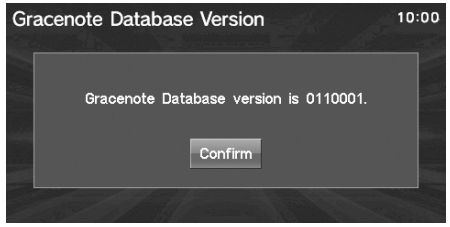
Gracenote Version

Allows you to check the Gracenote version.

1. **On the USB device playback information screen or on the list display, touch Menu .**
   The sub-menu is displayed.

2. **Touch** Database **.**

▼



Displays the Gracenote Database version screen.

SETTINGS

Adjusting the Sound Quality

Change audio quality settings.

Setting Items

NOTE

- You cannot adjust the sound quality when the audio is OFF.

1. **Press the** SETTING **key.**
   Displays the Settings screen.
2. **Touch** Sound Control **.**

▼

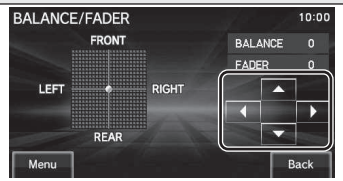
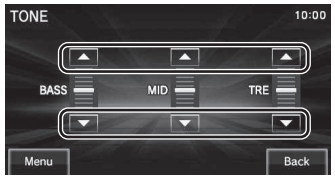


Displays the sound quality setting screen.

NOTE

- You can also display the sound quality setting screen by pressing the [PUSH SOUND] key.
  Press the [PUSH SOUND] key again to return to the original screen.
- The screen can also be displayed by touching the [HOME] key → [Setting] → [Sound Control].

Settings name	Settings value	Settings content
BALANCE/FADER	BALANCE: L11 to L1,0,R1 to R11 (Left, Right)	The level of the sound output from each speaker can be adjusted with the cursor switches.

Settings name		Settings value	Settings content
		FADER: F11 to F1,0,R1 to R11 (Front, Rear)	
EQUALIZER		ROCK	Allows you to select the sound type.
		POP	
		HIP HOP	
		JAZZ	
		NORMAL	
TONE		PUNCH*1	You can set the level for the sound qualities. 
		BASS	
		MID	
		TRE	
SCV*2 (Speed Compensated Volume)		Off	Allows you to select the volume for automatic adjustment according to the vehicle speed.
		Low	
		Med	
		High	
SURROUND/POSITION *1	SURROUND TYPE	DTS Neural*3*4	Allows you to select the surround type.
		PremiDIA WIDE	
		Off	

Settings name		Settings value	Settings content
	LISTENING POSITION	Front	Allows you to select the sound field type.
		Driver	
		All	
OTHERS *1	SCV (Speed Compensated Volume)	Off	Allows you to select the volume for automatic adjustment according to the vehicle speed.
		Low	
		Med	
		High	
	PremiDIA HD*3*4*5	Off	Allows you to adjust the amount of compensation for reproducing the feeling of solidity and depth of the original sound by forecasting and supplementing for the high-pass audio information lost during audio data compression.
		Low	
		High	
	Dolby Volume*4	Off	Allows you to select the level for the automatic real-time adjustment function, which provides the same output levels for the different volumes of different sources and songs.
		Low	
		Med	
		High	

*1) A setting only for vehicles with premium audio (with subwoofer).

*2) The picture is not displayed with vehicles with premium audio (with subwoofer).

*3) “DTS Neural” and “PremiDIA HD” cannot be selected at the same time.

*4) This is disabled when the audio source is analogue radio.

*5) This is also effective for non-compressed sound sources.

NOTE

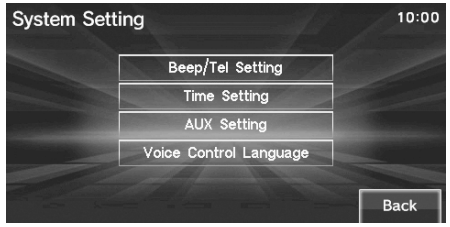
- If you feel that the Dolby volume effect does not match the impression of the audio being played back, switch it OFF.

System Settings

System related settings, such as the operation sound and the time, can be made.

1. **Press the SETTING key.**
   Displays the Settings screen.
2. **Touch System Setting .**

▼



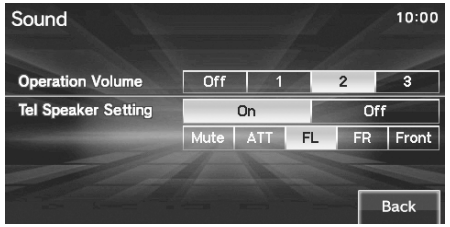
The system setting screen is displayed.

NOTE

- The screen can also be displayed by touching the [HOME] key → [Setting] → [System Setting].

Sound

This is a setting item displayed by touching [Beep/Tel Setting].



Settings name	Settings value	Settings content
Operation Volume	Off	Touch from [1] to [3] to adjust the operating volume. The larger the number, the higher the volume. [Off] mutes 1 the operation sound.
	1	
	2	

*1: A hands-free kit (available separately) must be connected.

*2: Cannot be set for vehicles with the Bluetooth® 2.0 interface equipped by type.

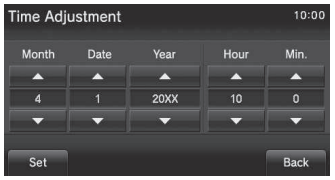
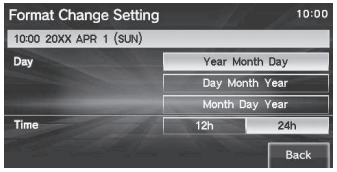
Settings name	Settings value		Settings content
	3		
Tel Speaker Setting *1 *2	On	Mute	During a call, the audio is muted.
		ATT	During a call, the audio is at low volume.
		FL	The incoming sound for calls is output from the left front speaker.
		FR	The incoming sound for calls is output from the right front speaker.
		Front	The incoming sound for calls is output from the front speakers.
	Off		The vehicle speakers are not used.

*1: A hands-free kit (available separately) must be connected.
*2: Cannot be set for vehicles with the Bluetooth® 2.0 interface equipped by type.

Time Setting

This is a setting item displayed by touching [Time Setting].

3

Settings name	Settings value		Settings content
Time Adjustment	Time		 Touch the corresponding ▲ or ▼ and change the date and time.
Time Display Setting	Date/Time Format	Day	 The date and time display format can be set.
		Time	12h or 24h display can be set.
	Clock Time	On	The clock on/off can be set.
		Off	

NOTE

- "Clock Time" is a function to set time synchronized with receiving clock data from RDS broadcasting.
  When this function is turned on, there is a case that some radio stations send inaccurate clock data, and the time of the clock on the screen also becomes inaccurate. In that case, turn "Clock Time" off and adjust the time.

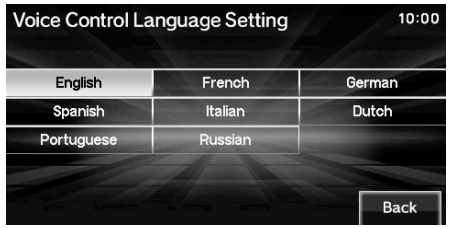
NOTE

- You can also display the time adjustment screen by pressing the [CLOCK] key.

Language

Equipment by type

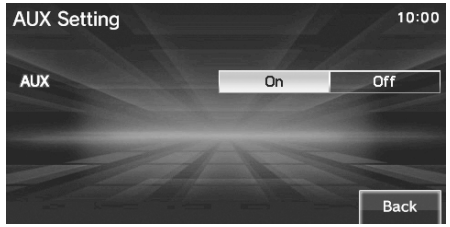
(Vehicles with a Bluetooth® 2.0 interface).
This is a setting item displayed by touching [Voice Control Language].



You can select the language used for voice control.

AUX Setting

This allows you to switch the AUX function ON/OFF.



NOTE

- If you set this to ON, [AUX] will be displayed in the top menu even if the vehicle does not support AUX devices. However, touching it does not output any audio.

Other Settings

The setting can be made on the screen or on the Bluetooth device.

Display Off

This deletes the screen display.

1. **Press the SETTING key.**
   Displays the Settings screen.
2. **Touch Display Off .**

▼



This deletes the screen display.

NOTE

- The screen display can also be switched off by touching the [HOME] key → [Setting] → [Display Off].
- To display it again, touch the screen or press the [HOME] key.

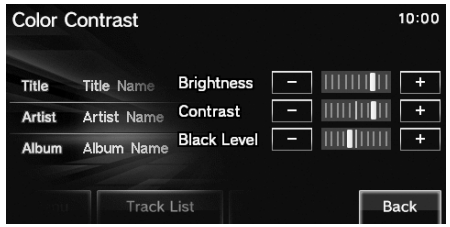
OMDE20E1

Colour Contrast

Adjusts the brightness, contrast, and black level for the menu screen, etc.

1. **Press the SETTING key.**
   Displays the Settings screen.
2. **Touch Color Contrast .**

▼



Settings name	Settings content
Brightness	Adjusts the brightness. Touching [+] makes the display brighter, touching [-] makes it dimmer. Allows you to adjust continuously by continuing the touch.
Contrast	Adjusts the contrast. Touching [+] increases the contrast, touching [-] decreases it. Allows you to adjust continuously by continuing the touch.
Black Level	Adjusts the black level. Touching [+] increases the black level, touching [-] decreases it. Allows you to adjust continuously by continuing the touch.

NOTE

- The setting can also be configured by touching the [HOME] key → [Setting] → [Colour Contrast].

Clock Screen

Displays the clock over the entire screen.

1. **Press the SETTING key.**
   Displays the Settings screen.
2. **Touch Clock Screen .**

▼



The clock is displayed.

NOTE

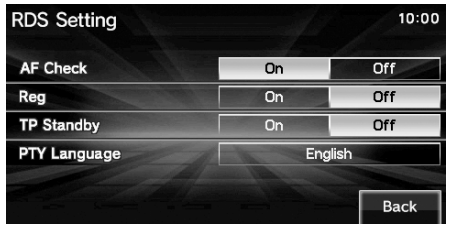
- The setting can also be displayed by touching the [HOME] key → [Setting] → [Clock Screen].
- Touching the screen returns the display to the original screen.
- With [System Setting], [Time Setting], and [Time Display Settings], you can change the format for time display.
  → “Time Setting” on page 3-14

RDS Setting

Sets broadcast station automatic tuning, program name display, and switching to a traffic message broadcast station.

1. **Press the SETTING key.**
   Displays the Settings screen.
2. **Touch RDS Setting .**

3. **Set individual items.**



NOTE

- The RDS setting can also be configured by touching the [Setting] in the radio broadcast information screen 2-14.
- The setting can also be configured by touching the [HOME] key → [Setting] → [RDS Setting].

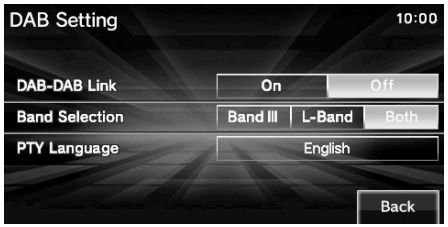
Settings name	Settings value	Settings content
AF Check	On	Sets whether or not to automatically track the same station with good reception.
	Off	
Reg	On	Sets whether or not to switch to REG (regional station) when
	Off	"AF Check" is on.
TP Standby	On	Sets whether or not to automatically switch when a traffic message is received.
	Off	
PTY Language	(Languages)	The display language for PTY filter can be changed.

DAB Setting

Equipment by type

You can set broadcast station automatic tuning and the broadcast band used.

1. **Press the HOME key.**
   The home screen is displayed.
2. **Touch DAB , and then Setting .**
3. **Set individual items.**



NOTE

- With "PTY Language", you can change the display language for PTY filter.
- Even if "DAB-DAB Link" is turned "On", DAB Link may not operate depending on the region.

Bluetooth Setting

Equipment by type

(Vehicles with a Bluetooth® 2.0 interface).
You can use the Bluetooth function to connect any commercially-available Bluetooth device to this product.

What Bluetooth is

Bluetooth is a wireless communications standard specialized for connecting devices over short distances (a few meters or less). Since it uses radio waves, it is not directional. Thanks to its characteristic, communications are possible even if there is an obstruction. This makes it possible to communicate, even with the mobile phone still in your shirt pocket or briefcase or shoulder bag.

NOTE

- This product supports Ver. 2.0 + EDR.

Supported profiles

Bluetooth AUDIO	A2DP (v1.0) AVRCP (v1.3)
Hands-free	HFP (v1.5)
Phone book transfer	OPP (v1.1) PBAP (v1.0)

NOTE

- Cancel functions such as the mobile phone "dial lock", and connect while on the standby screen.
- While connected, operations on the Bluetooth device (receiving calls, etc.) may not function correctly.
- For details on how to enter the passkey for your Bluetooth device, refer to its user manual.
- The connection fails sometimes. Register again.
- Depending on the distance between this product and your Bluetooth device, the conditions within the vehicle, and types of screening, connection may not be possible. In this case, put your Bluetooth as close as possible to this product.
- Even though a device is Bluetooth-capable, its characteristics and specifications may mean that correct operation is not possible.
- Some Bluetooth devices cannot be connected.
- Depending on the Bluetooth device, connecting may take some time.

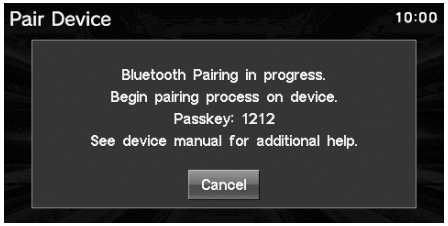
NOTE

- Up to 7 Bluetooth devices can be registered. If 7 devices are already registered, you must delete one before you can register a new Bluetooth device.

Registering a Bluetooth Device

Registering a Bluetooth device with this product.

1. **Press the SETTING key.**
   Displays the Settings screen.
2. **Touch Bluetooth Setting .**
3. **Touch Pair Device .**
4. **Enter the pass key displayed on the screen into the Bluetooth device.**



▼

When the connection is complete, a screen is displayed for selecting the Bluetooth device. For details, refer to the user manual for the Bluetooth device.

NOTE

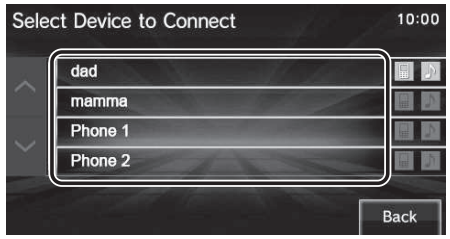
- The setting screen can also be displayed by touching the [HOME] key → [Setting] → [Bluetooth Setting].
- After pairing, the phone book can be imported.
- If the pass key is incorrect, redo the Bluetooth device side operations from the start.
- Some Bluetooth devices require a special passcode.
- Depending on the Bluetooth device's settings, it may be necessary to enter the passcode each time the device is connected.
- Carry out the procedure for entering the passcode to the Bluetooth device according to its user manual.

Selecting a Bluetooth Device

If you have registered multiple Bluetooth devices, you must select the one to connect. (From then on, the Bluetooth device you set with this function is connected by you just bringing it into the vehicle.)

1. **Press the SETTING key.**
   Displays the Settings screen.
2. **Touch Bluetooth Setting .**
3. **Touch Select Device to Connect .**

4. **Touch the “device name” to connect.**



5. **Touch** Connect Telephone **or** Connect Audio **.**
   For hands-free operation of the Bluetooth device to connect, select [Connect Telephone], to use for Bluetooth audio, select [Connect Audio].
6. **Touch** Enter **, and then** Yes **.**

▼

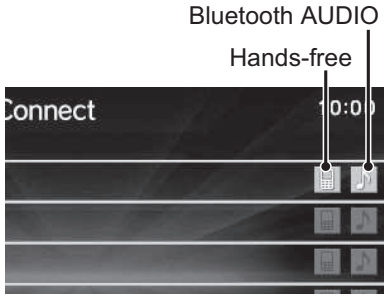
This completes selection of the Bluetooth device.

NOTE

- If the Bluetooth device is capable of both hands-free and Bluetooth audio operation, you can make the selection for one device.

NOTE

In this case, the display is as follows.



- If you touch [Voice Tag], the device name can be registered with your voice. After registering, you can select the device with voice control 2-05.

Setting a Passkey

Set the passkey (factory setting “1212”).

1. **Press the** SETTING **key.**
   Displays the Settings screen.
2. **Touch** Bluetooth Setting **.**
3. **Touch** Set Passkey **.**
4. **Enter any four-digit passkey, then touch** Enter **.**

▼

The passkey setting is complete.

Other

Troubleshooting..... 4-02

Troubleshooting

Please check these items if a message appears on the screen, or if you think something is not working properly.

If This Message Appears...

A message is displayed on the screen of this product according to the situation.

Message	Cause	Response
Play is impossible due to a mechanism error.	The drive has malfunctioned for some reason.	Check that there is no problem with the disc, and insert the disc again.If the problem persists, consult with your dealer.
	The disc is damaged or warped.	Do not insert a damaged or warped disc.
Play is impossible due to low battery voltage.	The vehicle's battery voltage has dropped.	Check the battery.
Cannot be played. Check the disk.	A disc is inserted that cannot be played.	Insert a disc that can be played. →"Types of Disc That Can Be Played Back" on page 2-07
	The disc is inserted upside down.	Insert with the label side up.
	The disc has condensation on it.	Wait a while before inserting again.
	The disc is dirty.	Clean the read surface of the disc.
Play is impossible due to high temperatures. Remove the disc and wait for a short while.	The temperature inside the product is high.	Remove the disc, and wait for the internal temperature to return to normal.
This iPod cannot be played.	Authentication failed.	Reconnect your iPod.
	The connected iPod has an unsupported format and cannot be recognized.	Use an iPod that supports this product. →"iPod/USB" on page 2-33
	This iPod software version is not correct.	Please change to a supported software version.
This USB memory cannot be played.	An unsupported USB device has been connected.	Reconnect a supported USB device. →"Using a USB Device" on page 2-40

Message	Cause	Response
No data that can be played.	There are no audio files that can be played back.	Add audio files that can be played. →“Audio Files (MP3/WMA/AAC)” on page 2-07
	An iPod not containing any tracks has been connected.	Connect an iPod containing tracks.
Cannot be played.	Unsupported audio files have been played.	Confirm audio files that can be played. →“Audio Files (MP3/WMA/AAC)” on page 2-07
	Copyright protected files have been played.	Copyright protected files cannot be played. Use files that are not copyright protected.
	The audio file is corrupted.	Add uncorrupted audio files.

If You Think Something Is Not Working Properly...

Here is a list of symptoms, causes and responses if you think something is not working properly.

Message	Cause	Response
Cannot operate.	For safety, some operations are restricted while the vehicle is moving.	The driver should refrain from operating this product while the vehicle is moving. First stop the vehicle in a safe location, then operate this product.
The operation sound is not made.	The operation sound is set to [Off].	Set the [Sound] “Operation Volume”to [1] to [3]. →“Sound” on page 3-12
Nothing is displayed on the screen.	The screen is turned OFF.	Stop the vehicle in a safe location, apply the parking brakes, then perform the operation to turn the screen back ON (p. 3-15).
	The vehicle’s battery voltage has dropped.	Charge or replace the battery.

Message	Cause	Response
	The temperature inside the product is high.	Please wait for the temperature to drop.
The monitor screen is dark.	The monitor brightness is not correctly adjusted.	Adjusting the monitor brightness. →“Colour Contrast” on page 3-16
There is no sound or quiet sound.	The volume is turned to its minimum.	Adjusting the volume. →“Adjusting the Volume” on page 2-02
	The balance or fader is turned to one side.	Adjusting the balance or fader. →“Adjusting the Sound Quality” on page 3-09
	“Audio OFF”.	Switch to “Audio ON”. →“Switch Audio ON/OFF” on page 2-02
The disc cannot be played.	The disc is inserted upside down.	Insert with the label side up.
	The disc has condensation on it.	Wait a while before inserting.
	The disc is dirty.	Clean the read surface of the disc.

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