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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.
- Please be aware that the map displayed is from when the data was prepared, so it may differ from current conditions. Also, MITSUBISHI Motors will in no way be held responsible for any losses resulting from map data inadequacies.
- This product contains data on traffic regulations, but due to changes in traffic rules, this data may differ from the actual traffic rules. Always obey the actual traffic regulations. Also, MITSUBISHI Motors will in no way be held responsible for any losses resulting from traffic accidents or traffic rule violations due to traffic regulation data inadequacies.
- Returns, refunds, exchange, or conversion for reasons of map data inadequacy or the like are not possible. There may be times when the map data does not match the specific objective of the user. The contents of the map data are subject to change without notice. The map data may contain wrong or missing characters, incorrect locations etc.
- The rule guidance and audio guidance, for example when to turn, may sometimes differ from the actual traffic signs or traffic regulations. Always obey the actual traffic signs and actual traffic regulations.

Before Use

- 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.
- Images for both Russia and EU are used in the User Manual. Thank you for your understanding.
- Please be aware that MITSUBISHI Motors, including after-sales service departments, will in no way be held responsible for any losses or detriment resulting from alteration or loss of any information stored in this product, including customer registration information.

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 minimize as much as possible the time spent viewing the screen. Being distracted by the screen can result in an accident.
- 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.
- Avoid relying on this product for guidance to emergency facilities (hospitals, fire departments, police, etc.). Contact such emergency facilities directly.
- 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 an 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.

Before Use



"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

- This product is compatible with iOS5 on the "iPod touch" and "iPhone".
- 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.



Manufactured under licence from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.

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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"PremiDIA HD" and "PremiDIA WIDE" are trademarks of MITSUBISHI Electric Corporation.

Trademarks are pending in some regions.

SDHC Logo is a trademark of SD-3C, LLC.

The Bluetooth® word mark and logos are owned by the Bluetooth SIG, Inc. Other trademarks and trade names are those of their respective owners.

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iPod/iPhone Playback Function(Option)

- This product supports audio 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

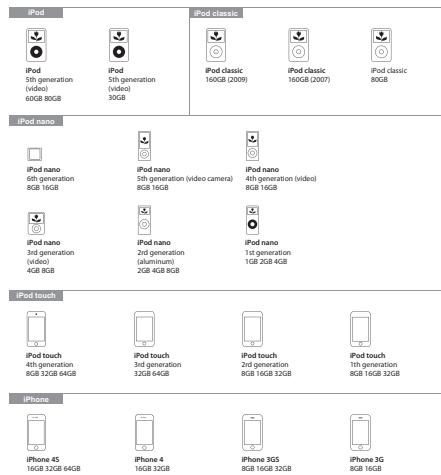
- If the product becomes dirty, wipe with a soft cloth.
- If very dirty, use a soft cloth dipped in neutral detergent diluted in water, and then wrung out. Do not use benzene, thinners, or other chemical wipes. This may harm the surface.

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.

Before Use

- 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

- 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.

- Do not place anything on the open display.**

This may lead to accident, fire, electric shock, or malfunction.

- 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 or card slot.**

This may lead to fire, electric shock, or malfunction.

- Always obey all actual traffic regulations, even when following route guidance from this navigation system.**

Due to changes in traffic rules, this data may differ from the actual traffic regulations.

Always obey the actual traffic regulations.

⚠ CAUTION

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

⚠ 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.

⚠ WARNING

- 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

- If opening or closing the monitor panel interferes with gear shift lever operation etc, stop your car in a safe location before performing such operations.
- Do not insert your hand or fingers into the disc slot or card slot.
This may result in injury.
- Do not leave the monitor panel open when you are not using the product.
This may result in injury.
- Be careful that your hand or fingers are not pinched when you open or close the monitor panel.
This may result in injury.

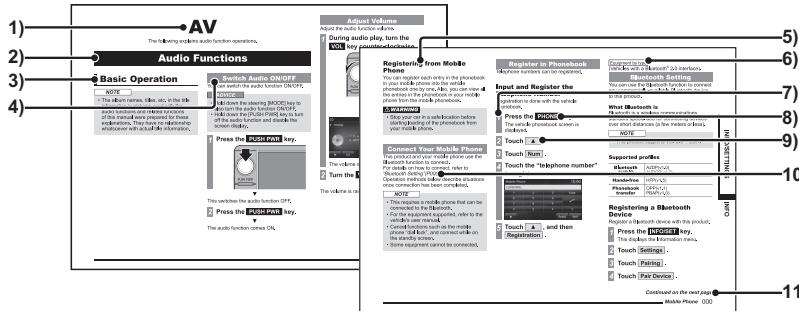
⚠ CAUTION

- 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.
- 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.

Before Use

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. Minor Header

Classifies more finely the operations and functions classified under the intermediate header.

6. [Equipment by type]

Indicates equipment that differs according to the vehicle model and grade.

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.

Basic Operation

Basic Operation

This Product

Introduction

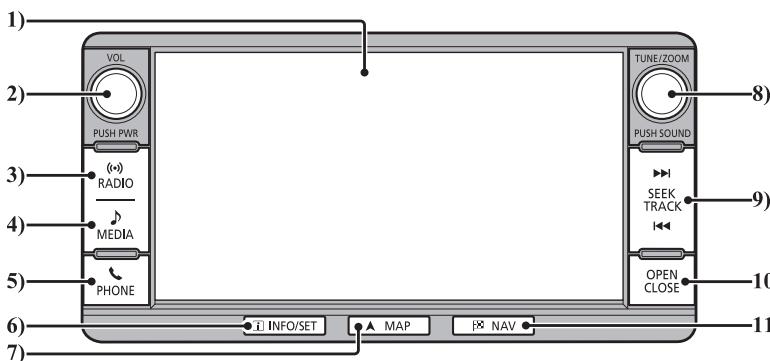
Basic Operation

Basic Operation

Main Unit Panel

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

When the panel is closed



1. Display

Operations can be performed by touching the touch switches.
→"How to Perform Touch Operations" (on page 18)

2. VOL/PUSH PWR key (p. 89)

Allows you to adjust the volume for the audio function and telephone function. It also allows you to switch the audio function ON/OFF.

Hold down to turn OFF/ON the audio function and the screen display.

To display it again, touch the screen or press [MAP].

3. RADIO key (p. 104)

When Audio is ON, each time the key is pressed, the radio source is switched and the radio screen is displayed.
When Audio is OFF, the radio screen last played is displayed.

4. MEDIA key (p. 113)(p. 116)(p. 140)

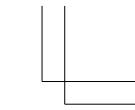
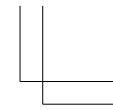
When Audio is ON, each time the key is pressed, the media source is switched and the media playback screen is displayed.
When Audio is OFF, the media last played is resumed.
When there are no media available to play, the AVSource screen is displayed.

5. PHONE key (p. 177)

The telephone menu is displayed.
When the telephone is not registered, the pairing screen is displayed.
When the telephone is registered but not connected, the telephone selection screen is displayed.
When the telephone is connected, the phone book screen is displayed.

6. INFO/SET key (p. 177) (p. 193)

The information/settings menu is displayed.



Basic Operation

Introduction

Basic Operation

7. **MAP** key

Used to display the current location screen of the navigation (p. 31).

8. **TUNE/ZOOM** key

For navigation, allows to zoom in or zoom out the map by turning.

→"Switch the Scale" (on page 42)

For audio, allows to select an audio file folder or a radio station by turning.

Allows to select an audio file folder or a radio station by turning.

PUSH SOUND key (p. 206)

Pressing the key displays the sound quality setting screen.

Used to adjust the sound quality.

9. **◀◀ SEEK TRACK** key/ **SEEK TRACK ▶▶** key

Allows you to seek a radio station, or select a track. Also, holding down either of these keys allows you to fast-forward/fast-reverse a track.

10. **OPEN/CLOSE** key

Displays the monitor panel open/close screen.

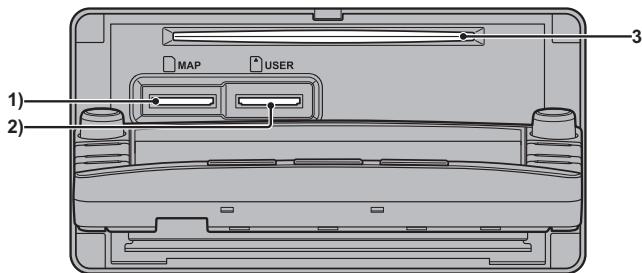
Used to open/close the monitor panel or insert or remove a disc (P90).

11. **NAV** key (p. 51) (p. 23)

Displays the destination/route menu.

Used to set a navigation destination or edit a route.

When the panel is open



1. Map slot

The map card that contains the map data for the navigation functions is inserted here.

2. User slot

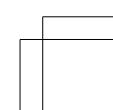
An audio SD card is inserted here. Audio SD cards can be played (p. 133). Also, map data can be updated.

→"Update the Map Database" (on page 152)

3. Disc slot

When a disc is inserted that can be played by this product, starts playback.

→"Inserting the Disc" (on page 90)



Basic Operation

CAUTION

- Do not forcefully close the panel with your hands. Doing so may lead to malfunction.

Basic Operation

Start

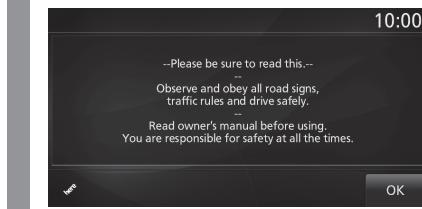
Start the system.

⚠ CAUTION

- This system cannot be started unless a map card is inserted.

1 Switch the vehicle's engine/power switch to "ACC" or "ON".**2 Check the message, then touch **OK**.**

If the audio function was used last the previous time, the display switches to the audio screen.



▼
This switches to the navigation screen.

ADVICE

- For an EU system, the display switches to the navigation screen in three seconds without touching "OK".
- Immediately after the engine/power switch is switched to "ACC" or "ON", if the navigation functions are used, some functions are not available immediately after the map screen is displayed because data is being read in from the map card. Please wait until the reading is completed.
- Allows you to disable the opening animation to make startup faster.
→"Opening Setting" (on page 211)

SD Cards

This product supports two types of SD cards: map cards used with the navigation function and audio SD cards used with audio functions.

⚠ WARNING

- In order to prevent an accident, keep the SD card out of the reach of small children.
If a child does swallow an SD card, seek immediate medical attention.

⚠ CAUTION

- Do not insert the map card anywhere other than the map slot in this product. Doing so may lead to malfunction. Data might be destroyed and the map card might become unusable.
- When inserting and removing an SD card, first ensure that your car is stopped in a safe area in which stopping is permitted.
- Do not remove a SD card or switch OFF the power while data is being read from or written to the SD card. The recorded data might be lost or damaged.
- Do not insert foreign objects into the SD card slot. This may lead to injury, smoking, or fire.
- There are two SD card slots, the map slot and the user slot. Be sure to insert the SD card into the correct slot.

NOTE

- MITSUBISHI MOTORS will in no way be held responsible for any losses resulting from SD card data loss.
- SD cards formatted using standard computer functions may not operate correctly.
- SD cards have a finite service life. After being written repeatedly, writing, erasing, etc. may become impossible.

Basic Operation

Important Points on Handling

- Fingerprints or other marks on the terminals of an SD card may result in its content being more difficult to read. When holding an SD card, do not touch its terminals.
- Do not affix paper or stickers to an SD card and do not damage it.
- Do not forcefully insert an SD card if an SD card is already within the device. Doing so may lead to malfunction.
- Do not insert anything other than an SD card into an SD card slot. Inserting anything other than an SD card may cause damage or get the object stuck in the slot.

Important Points on Storage

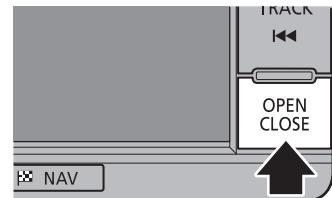
When you take an SD card out of this product, store it out of direct sunlight

Insert an SD Card

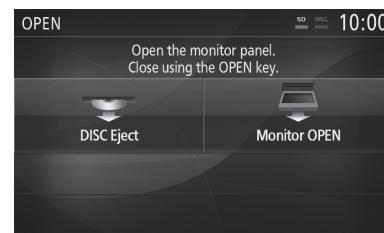
Map Card

Insert the map card that contains the map data for the navigation functions.

1 Press the **OPEN/CLOSE** key.



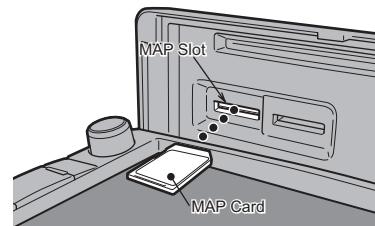
2 Touch **Monitor OPEN**.



The monitor panel opens.

3 Insert the map card into the map slot.

Insert until you hear the "click".



CAUTION

- Do not insert into the user slot.

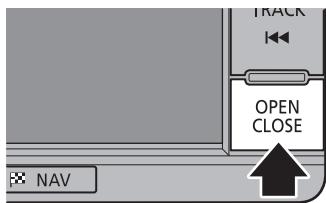
4 Press the **OPEN/CLOSE** key to close the monitor panel.

You can now use the navigation function.

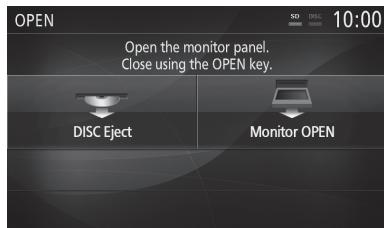
Audio SD Card

Insert the audio SD card used for the audio functions.

1 Press the **OPEN/CLOSE** key.



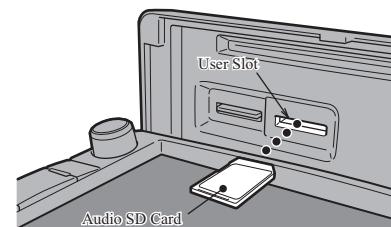
2 Touch **Monitor OPEN**.



The monitor panel opens.

3 Insert the audio SD card into the user slot.

Insert until you hear the "click".



CAUTION

- Do not insert into the map slot.

4 Press the **OPEN/CLOSE** key to close the monitor panel.

You can now use the SD card with the audio functions.

Remove the SD Card

Map Card

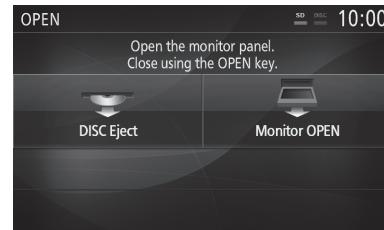
The map card that contains the map data for the navigation functions is inserted. This device cannot be used if the map card is removed.

Audio SD Card

Eject the audio SD card used for the audio functions.

1 Press the **OPEN/CLOSE** key.

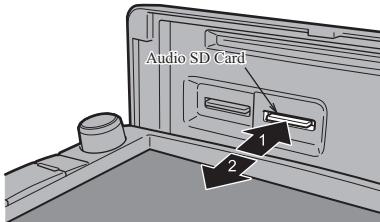
2 Touch **Monitor OPEN**.



The monitor panel opens.

Basic Operation

3 Push the audio SD card in the user slot until you hear a "click".



The audio SD card jumps out and can now be removed. Gently remove it.

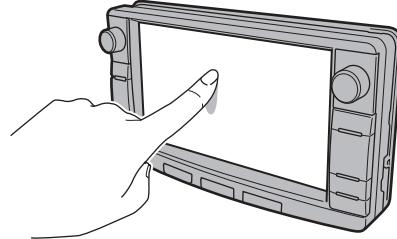
4 Press the **OPEN/CLOSE key to close the monitor panel.**

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".

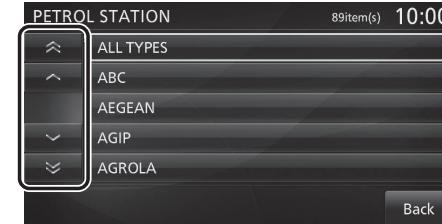
⚠ CAUTION

- The surface of the display scratches easily. Do not push on it too hard or rub it with a stiff cloth.
- If the screen is dirty, wipe it gently with an eyeglass wipe or other soft cloth.

Searching Items from a List

By touching or , you can select one item at a time from the list.

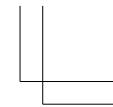
By touching or , you can move the display one page.



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

How to Input Characters

This section explains the menu items for the character input keyboard.



Keyboard for Character Input



1. Input character display section

Displays the input characters.

2. The cursor

is displayed with and to the left of , characters are input.

3. Input keyboard

Displayed characters can be input by touch.

4. Set

This finalizes all the input characters and ends character input mode.

5. A/a

Switches the characters displayed on the input keyboard in the order of capital letters, small letters, and Capital letters.

6. □

Clears one character among the characters being input.

7. Clear All

Clears all the characters being input.

8. More

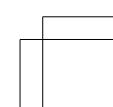
Switches the characters displayed on the input keyboard to "Numbers" and "Symbols".

9. Back

Returns to the previous screen.

ADVICE

- For some functions and character types, some touch switches may either not be displayed or changed into some other touch switch. For details, refer to the explanations of individual functions.



Basic Operation

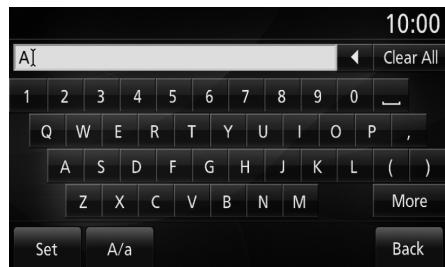
Types of Characters That Can Be Input

The input keyboard is capable of inputting various characters.

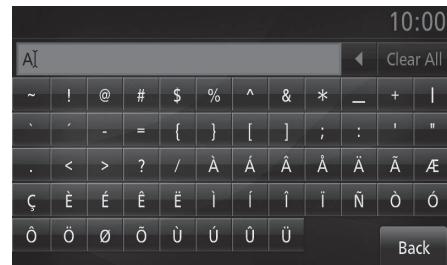
Character input is displayed when it becomes necessary during the operation of functions.

However, some functions limit the characters that can be input.

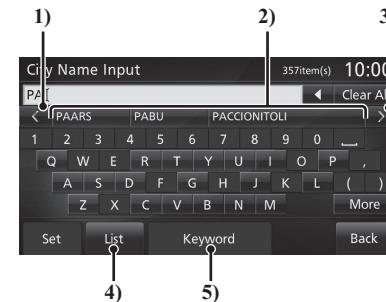
Letters/numbers



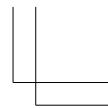
Symbols



Input assist for searches



- 1) Displays the previous candidate list.
- 2) **Search candidate list**
Displays characters and candidates that follow the input characters. Touching this completes the input.
- 3) Displays the next candidate list.
- 4) **List**
Displays the search results for the input characters.
- 5) **Keyword**
Keywords can be input.

**Equipment by type**

(Vehicles with a Bluetooth® 2.0 interface).

Voice Control

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 91)

ADVICE

- You can check the usage for voice control, a list of voice commands, etc.
→“Check the Voice Control Help” (on page 153)

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.

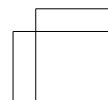
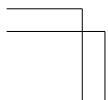
- Speak loud and clear. This makes voice recognition easier.
- When making a call, avoid saying things such as “uh”, “um, uh”, “aah”, etc. These may be mistaken for other words.

NOTE

- 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.
- If there is too much ambient noise, recognition mistakes may occur.
Example: Driving through a tunnel, driving with chains on the tyres
- 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”

Top Menu

By pressing the corresponding key, you can use various functions from the top menus.



Basic Operation

Destination Menu

This section explains the destination menu displayed when you press the **NAV** key.



1. **Route Menu** (p. 23)

Allows you to switch to the route menu.

2. **Address/Junction** (p. 53)

Allows you to search for a location from an address.

3. **Point of Interest** (p. 53)

The name of an establishment can be entered to search for its location.

Also searches for establishments near the current location and destination and near the route. (p. 56)

4. **Postal Code** (p. 60)

Allows you to input the postal code to search for its location.

5. **Phone #** (p. 59)

Allows you to input the telephone number to search for its location.

6. **Home**

Allows you to register a home location. (p. 75)

Also allows you to set your registered home as the destination. (p.51)

7. **Special 1/2** (p. 76)

Allows you to register locations frequently used as a destination or waypoint.

8. **Clock**

Displays the current time using 12- or 24- hour time.

9. **Address Book** (p. 52)

Allows you to select a location from the address book.

10. **Previous 50** (p. 52)

Allows you to select a location for which a map of the surroundings has been displayed by using the search function.

11. **Return Trip** (p. 61)

Sets the start location as the destination.

12. **Latitude/Longitude** (p. 60)

Allows you to input the latitude and longitude to search for its location.

13. **Guide OFF** (p. 71)

Allows you to pause or restart route guidance.

When route guidance is paused, [Guide ON] is displayed.

Route Menu

This section explains the route menu displayed when you touch **Route Menu** while pressing **NAV**.

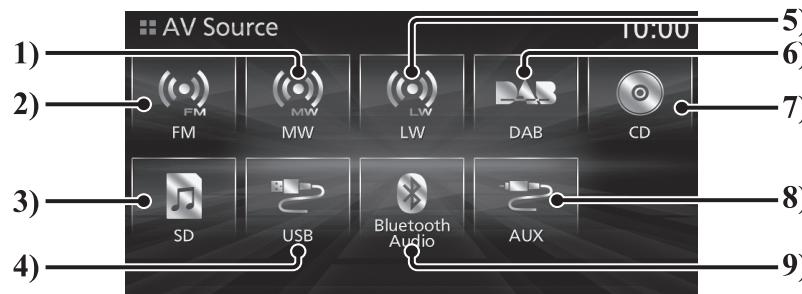


1. **Destination**
Allows you to switch to the destination menu.
2. **Delete Route**
Deletes the set route.
3. **Itinerary** (p. 66)
You can change the destination, add waypoints, and change the route search conditions.
4. **Detour** (p. 70)
You can search for a route that detours ahead the distance you specify.
5. **View Route** (p. 64)
Allows you to check the route to the destination.
6. **Route Options** (p. 204)
You can change the settings concerning route searches.
7. **Avoid Areas** (p. 72)
You can register and edit areas you want to avoid passing through for route searches.
8. **Start Demo** (p. 66)
Starts a demo trip.

Basic Operation

AV Source Menu

This section explains the AV source menu displayed when you touch **Source** on the radio screen or media playback screen.



1. **MW** (p. 104)
Allows you to use the MW radio function.
2. **FM** (p. 104)
Allows you to use the FM radio function.

3. **SD** (p. 129)
Allows you to play back audio files (MP3/WMA/AAC/WAV) on an SD card.

4. **USB/iPod menu** ^{*1}
When an iPod is connected to this product, **iPod** is displayed. When you touch it, the iPod screen is displayed. (p. 123)
When a USB memory is connected to this product, **USB** is displayed. When you touch it, the USB screen is displayed. (p. 129)
When nothing is connected to this product, **USB/iPod** is displayed.
5. **LW** (p. 104)
Allows you to use the LW radio function.
6. **DAB** ^{*2} (p. 108)
Allows you to use the DAB radio function.

^{*1} This is equipment that only some vehicle types have. This also requires the external input device and a cable.

^{*2} This is equipment that only some vehicle types have. Requires DAB tuner connection.

7. **CD**

Plays media inserted into this product. Audio CD (p. 113)
Audio files (MP3/WMA/AAC/WAV) (p. 117)

8. **AUX**^{1,3}(p. 144)

When an external input device is connected to this product, the
audio from the external input device is played.

9. **Bluetooth Audio**⁴(p. 139)

When a Bluetooth-capable audio device is connected to this
product, the Bluetooth audio function can be used.

¹ This is equipment that only some vehicle types have. This also requires the external input device and a cable.

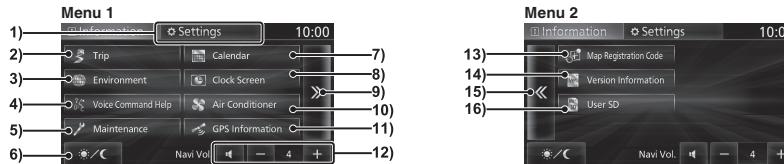
³ [AUX] is displayed even if no separately-purchased external input/output cable and external input device is connected to this product.

⁴ This is equipment that only some vehicle types have. This requires an audio device that is Bluetooth capable. No cable is required.

Basic Operation

Information Menu

This section explains the info menu displayed when you press the **INFO/SET** key.



1. **Settings**

Allows you to switch to the settings menu.

2. **Trip**^{*} (p. 153)

Allows you to check and set trip information.

Depending on the vehicle equipment, **EV information** is displayed.

3. **Environment**^{*} (p. 184)

Allows you to check the outside air temperature, altitude, and air pressure.

4. **Voice command help**^{*} (p. 153)

Allows you to check a list of voice commands, the usage for voice control, etc.

5. **Maintenance**^{*} (p. 186)

Allows you to make settings for notifications when engine oil, oil filter, and other maintenance is due.

6. ***/C**

Allows you to switch the map screen colour Auto, Daytime, and Nighttime according to the car lighting state.

7. **Calendar** (p. 146)

Displays the calendar. Allows you to check and set special days and anniversaries.

8. **Clock Screen** (p. 210)

Displays the clock.

9. **>>** Allows you to switch to the next page.

10. **Air Conditioner**^{*} (p. 174)

Allows you to check the air conditioner status.

11. **GPS Information** (p. 175)

Allows you to check the name of the current location, its latitude/longitude, and the number of GPS satellites being received.

12. **Navi vol.** Allows you to adjust the navigation guide volume and mute the sound.

13. **Map Registration Code** (p. 191)

Allows you to check the request code required for updating the map.

14. **Version information** (p. 191)

Allows you to check the program version, map version, etc.

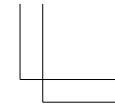
15. **<<**

Allows you to switch to the previous page.

16. **User SD** (p. 150)

Allows you to check the SD card capacity and available space. Also allows you to update the map database (p. 152).

^{*}This is displayed when your car is equipped with the equipment.



Basic Operation

Introduction

Basic Operation

SETTINGS Menu

This section explains the settings menu displayed when you touch **Settings** while pressing the **INFO/SET** key.



1. **Information**
Allows you to switch to the information menu.
2. **EV settings** ^{*1}
This changes the settings concerning EV.
3. **Pairing** ^{*2(p. 217)}
Allows you to register a Bluetooth device with this product.
4. **Navigation settings** (p. 193)
This changes the settings concerning navigation.
5. **Display Off** (p. 219)
Allows you to switch OFF the screen display.
6. ***/C**
Allows you to switch the map screen colour Auto, Daytime, and Nighttime according to the car lighting state.
7. **Vehicle Settings** ^{*2(p. 220)}
Allows you to make settings for vehicle equipment.
8. **Time settings** (p. 210)
This changes the standard time settings and date and time display format.
9. **>>**
Allows you to switch to the next page.
10. **Sound Quality Control** (p. 206)
Allows you to perform settings related to sound quality.
11. **Display settings** (p. 219)
Allows you to adjust the picture quality.
12. **Navi vol.**
Allows you to adjust the navigation guide volume and mute the sound.
13. **Language** (p. 211)
This changes the language used.
14. **Units** (p. 212)
This changes the unit.
15. **<<**
Allows you to switch to the previous page.
16. **Opening animation** (p. 211)
Enables/disables the opening animation.
17. **Keyboard Layout** (p. 218)
This changes the keyboard layout.
18. **A/C Cut-in** ^{*2(p. 211)}
This sets whether or not to display an interrupt for air conditioner operations.
19. **Reset all**
Allows you to reset all settings and recorded data to factory defaults.

*1) This function is only for electric vehicles.

*2) This is displayed when your car is equipped with the equipment.

NAVI

This chapter explains navigation function operations.

Basic Operation

Navigation Functions

What is Navigation?

Navigation is a system that measures the location of your car and guides you along the route to the set destination. Your car's location displayed on the map is measured with the "GPS" and "Map matching" functions.

GPS (Global Positioning System)

The system that uses GPS satellites to detect the location is called "GPS". The radio signals from these GPS satellites are received and the location of one's own car is measured to within about 30 to 200 meters.

- Measuring your car's location takes about 2 minutes in a location with a good view. The first time this product is used or it is used after a long while, it takes about 5 minutes to measure your car's location.
- The GPS satellites are managed by the Department of Defense of the United States of America, which sometimes deliberately reduces the location precision. When that happens, the location of your car may not be displayed in the correct location.

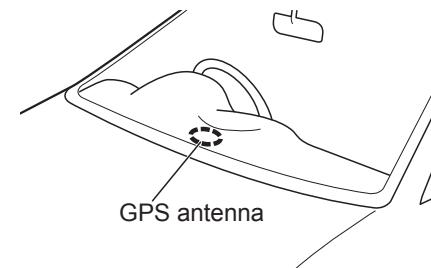
Map Matching

"Map matching" is a function that compares the route tracking data for your car with the road configuration in the map data, estimates the road you are driving on, and displays this on the map.

CAUTION

- The map displayed for navigation and the traffic rule information were prepared based on various types of information when the map data was prepared, so they may differ from the actual roads and traffic regulations. Always follow the actual roads and obey the actual traffic regulations.

GPS Antenna



The location of your car is measured by receiving weak radio signals from GPS satellites with the "GPS antenna".

ADVICE

If the radio signals from the GPS satellite are blocked, the location of your car may not be displayed in the correct location, so observe the following rules.

- Do not paste a mirror type film or shade film that contains carbon onto the windscreens.

ADVICE

- Do not place anything on or near the GPS antenna.
- Do not use a mobile phone, PHS, computer, etc. near the GPS antenna.

Map Data

The map data may contain wrong or missing characters, incorrect locations etc.

Position Measurement**When Accurate Position Measurement Is Not Possible**

Radio signals from GPS satellites cannot be received in locations such as in tunnels, indoor parking garages, locations surrounded by high buildings, mountains or trees, under motorways and elevated train lines.

In such cases, the position measurement uses autonomous navigation based on the gyro sensor and speed sensor, so accurate measurement of your car's location may become impossible.

Measurement Error

When radio signals cannot be received from GPS satellites, measurement error occurs easily and the location of your car may not be displayed correctly.

If you keep on driving, when it becomes possible to receive radio signals from GPS satellites, the error in the current location will be automatically corrected.

Reasons Why the Location of Your Car Is Not Displayed Correctly

- When a motorway and general road are near each other
- When driving roads laid out in a grid
- When driving on a mountain road with a sharp slope
- When turning left or right after having driven a long while on a straight road
- Immediately after the engine/power is switched ON
- When driving at slow speed, for example on a congested road or in a parking lot (Because some cars do not output a vehicle speed signal when driving too slow)
- When travelling with chains on the tyres
- When the vehicle was turned on a turn-table or the like
- When driving through a fork in the road with a small angle between the two branches
- After the vehicle has been moved by ferry or the like
- When driving in a multi-level parking garage or on a spiral road
- When zig-zagging on a wide road
- When a tyre has been replaced with the emergency spare
- When driving on snow, sand, or other slippery road

3D Position Measurement

When effective radio signals for which positional precision can be expected can be received from four or more GPS satellites, the 3D position of latitude, longitude, and altitude can be calculated.

"GPS Information" (on page 175)

2D Position Measurement

When effective radio signals for which positional precision can be expected can be received from three or more GPS satellites but not enough for 3D position measurement, the altitude is assumed to have remained the same since the last time it could be measured and only the 2D of latitude and longitude can be calculated. In this case, the positional precision is less than for 3D position measurement.

"GPS Information" (on page 175)

Non-measurable Position

When effective radio signals from GPS satellites for which positional precision can be expected can not be received, the position is not measured.

"GPS Information" (on page 175)

Route Search Methods

- The route displayed in the route guidance is a reference route to the destination. It is not necessarily the shortest route. This route guidance also does not take traffic congestion information into account.

Basic Operation

- Not all roads are used in route guidance.
- Routes using ferries are set to be less recommended than normal roads. Therefore, even when a ferry provides a quicker route to the destination, a route not using the ferry may be displayed.
- When a toll road interchange, parking area, or service area is set as the destination or as a waypoint, select from an establishment search or from a motorway simplified map and set without scrolling the map.
- Sometimes, the route is not the same as the one prepared previously even though the same locations were set as the destination and waypoints.
- Sometimes routes are displayed that include pedestrian ways, stairs, etc. that are not passable by vehicle.
- If there is no road to the destination or only narrow roads, a route may be displayed that goes to some place apart from the destination.
- Because searches are carried out passing alongside establishments, depending on the road configuration, roundabout routes may be displayed.
- Sometimes routes are searched that take traffic rule information into account.
- Sometimes, some temporary rules are not taken into account or the time for which they are applied differs from when they are actually in effect.

Route Guidance

- When your car is driving on the searched route, this displays the distance until the destination or the next waypoint.
- When your car is driving off the searched route, this displays the distance from the point where you left the route until the destination or the next waypoint.
- The display of the estimated time of arrival at the destination is calculated based on the remaining time data in the map data and learning trip information.
- Sometimes even though you need to turn at a junction, the junction name is not in the guidance and the junction is not covered in the audio guidance.
- Sometimes left and right turn guidance differs from the actual road configuration.
- When you go off the route, for example by turning one junction too early, sometimes the audio guidance continues for the route you had been on.
- Sometimes the distance in the guidance is slightly too high or too low.
- The route is searched using the map data on the map card. Sometimes it may differ from actual restrictions for construction, one-way rules, and other traffic rules. Always obey the actual traffic regulations.
- Traffic rules that depend on the time of day reflect the time at which the route was searched. When driving the route, always obey the actual traffic regulations.
- The distance your car has travelled is measured with the speed sensor (and this speed is proportional to the rotation rate of the tyres). When the tyres are new, if you have non-standard tyres, or if the tyre air pressure is not correct, error inputs the distance measurement more easily and the location of your car may not be displayed correctly.
- The route is a reference route to around the destination. It is not the shortest route or the route most free of traffic congestion.
- While you are driving, the amount of road information displayed is restricted and some roads may not be displayed. (For example, narrow streets)
- If the distance to the destination is extremely short or extremely long, route search may be impossible.
- Even if you travel off the route, the route is automatically recalculated.
- The estimated time of arrival varies with the road conditions and how you drive.

Precautions for operating the navigation

- During route guidance, always obey the actual traffic regulations. Failure to do so may cause a traffic accident.

Navigation Screen

This section explains the navigation map screen and the display contents for the menu screens.



NAVI



Basic Operation

Basic Operation

Map Display Contents

The map screens include the current location screen and scroll screens (p. 32).

Current Location Screen

This section explains the contents displayed on the current location screen, which is displayed when you press the **MAP** key.



1. Route guidance mark

The road you are to drive is indicated by an arrow.
With the [Screen] "Searched Root", you can select [Arrow] or [Line].
→"Navigation Settings" (on page 193)

2. Car's location mark

The arrow shows the location of your car and the direction of the arrow shows the direction you are travelling in.

3. Junction guidance icon

Shows the distance until the next junction to turn and which way to turn. Touching this displays the junction guidance map.
→"Check the Next Junction to Turn" (on page 64)

4. EV *

Displays the EV menu.
→"Display the EV menu" (on page 36)

5. ▲ (p. 36)

Displays a sub-menu.

6. Icons (p. 32)

Displays the current telephone and audio status.

7. Clock

Displays the current time using 12- or 24- hour time.

*This function is only for electric vehicles.

8. TMC

Displays traffic congestion information and traffic rule information etc. Touching TMC symbol allows you to check the detailed information.

→"TMC (Traffic Message Channel)" (on page 84)

9. Direction icon

Touching this displays the map switching screen.
→"Select the Map Screen" (on page 37)

10. Zoom

Shows the scale of the displayed map. Touching this changes the scale.

→"Switch the Scale" (on page 42)

11. Destination/waypoint information

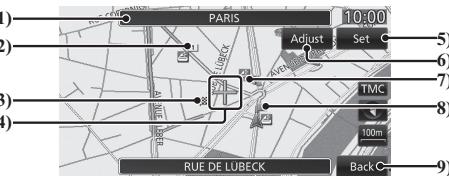
Shows the time, direction, and distance to the destination or waypoint. Each time you touch this, the display switches to the estimated time of arrival, time remaining, and local time. The time and distance at this time are the expected time of arrival, time remaining, or local time and distance to the destination or waypoint from a location off the route.

ADVICE

- The menu items vary with the navigation settings and travel status. Some items may not be displayed.
- To make the explanation clearer, the navigation images in this manual leave out some landmarks.

Scroll Screens

This section explains the contents displayed on the scroll screens displayed when the map is scrolled or after a search is performed (p. 43).

**1. City name**

If there is a city name for the cursor position, this city name is displayed.

2. mark

The set waypoints (p. 67) are shown with the mark. Up to 5 waypoints can be set. They are shown with 1, 2, 3, 4, 5 in the order in which they are passed.

3. mark

The set destination (p. 51) is shown with the mark.

4.

The Cursor mark is displayed at the centre point of the location scrolled to.

5.

Displays the scroll menu (p. 35). Allows you to set the destination, waypoints, and address book.

6.

The mark position can be fine tuned. → "Scroll Fine Adjustment" (on page 43)

7. POI icons

Trademarks, sight-seeing areas, etc. are shown with these marks.

8.

Shows the starting point with the mark.

9.

Returns to the previous screen.

Basic Operation

ADVICE

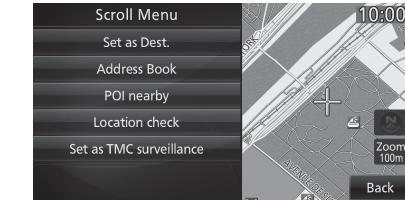
- The display of 7) POI icons can be removed from the map screen by setting [Hide All] for [Map Options] "POI icons".
→"Navigation Settings" (on page 193)
- You can select which 7) POI icon types to display and which not to display.
→"POI Icons on Map" (on page 195)

Individual Icons

This section explains the icons displayed on the current location screen (p. 32).

	Displayed when connected to Bluetooth. →"Bluetooth Setting" (on page 216)
	Displays the signal strength and whether or not the phone is roaming.
	Displayed when the phone is used. Redisplays the phone operation panel (p. 182). Whether or not to display can be selected with [Screen] "Mobile Phone Icon". →"Navigation Settings" (on page 193)
AV icon	Displays the status of the audio source currently being used. For details, see "AV Icons" (on page 91). Whether or not to display can be selected with [Map Options] "AV Icon". →"Navigation Settings" (on page 193)

Basic Operation



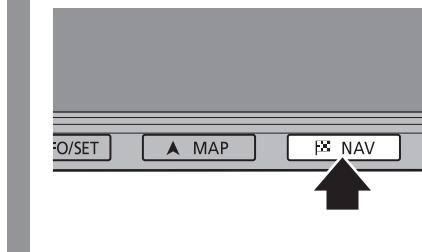
The scroll menu is displayed.

Set as Dest.	The  location can be set as the destination. → "Set as the Destination" (on page 44)
Address Book	The  location can be registered. → "Set in the Address Book" (on page 45)
POI nearby	Establishments around the  location can be searched for. → "Search for Nearby Establishments" (on page 45)
Location check	The position of  location relative to the current location can be checked. → "Check the Location of Your Car" (on page 46)
Set as TMC surveillance	Areas (around the  location) can be registered to check traffic messages. → "Registering the TMC Surveillance Map" (on page 87)

Display the Destination Menu

You can set the destination and erase routes from this menu screen.

1 Press the **NAV** key.



This displays the destination menu.

Display the Scroll Menu

You can set the location scrolled (p. 43) to  as the destination or set it in the address book.

ADVICE

- You can also display the scroll menu from the map screen displayed with search results by touching [Adjust], and then [Set].

1 On the scroll screen, touch **Set**.



Basic Operation

Back	Returns to the previous screen.
------	---------------------------------

Display the Sub-menu

This section explains how to display the sub-menu displayed from the current location screen (p. 32).

1 On the current location screen, touch .



This displays the sub-menu.

ADVICE

- In this manual, the touch switch for displaying a sub-menu is shown as .
- On a screen on which  is displayed, you can display sub-menus for each function by touching that.

Functions only for electric vehicles

Display the EV Menu

You can search and update charge points and check information such as charging cost.

1 On the current location screen, touch **EV**.



EV Menu 10:00

Nearby Charging Point	Search Charging Point
Update Charging Point	EV Range Map
Energy Information	Charging Timer
Remote Climate Control	Charging Cost

Back

Displays the EV menu.

Nearby Charging Point

A recharge point can be searched around the current location.
→ "Searching for Charge Points around the Current Location" (on page 59)

Update Charging Point

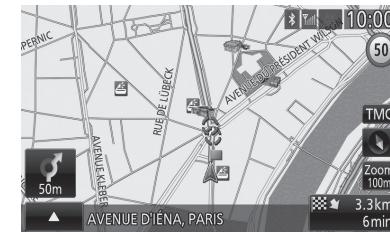
Touching [Update charge station] allows you to perform an incremental update of recharge point data.
For more information on how to retrieve incremental data for updates, refer to "Update Charging Points Information" (on page 151)

Energy Information

You can check and set energy information.
→ "Check Trip Information (Plugin Hybrid Vehicle)" (on page 160)

*: This is equipment that only some vehicle types have.

Basic Operation



This displays the current location screen of the navigation screen.

Select the Map Screen

You can change the map type and reference orientation.

1 Touch the “Direction icon”.



Direction icon

Remote Climate Control *	You can make settings for the A/C timer. → “Set the Remote Climate Control” (on page 214)
Search Charging Point	You can search charge points around a desired location. → “Searching for Charge Points around the Desired Location” (on page 59)
EV Range Map	Allows you to check the area and distance that can be travelled on the current remaining battery level and fuel. → “Check the Possible Cruising Area” (on page 171)
Timer Charging *	You can make settings for the recharge timer. → “Set the Charging Timer” (on page 212)
Charging Cost	You can make settings for the recharge fee. → “Check the Charging Cost” (on page 168)
Back	Returns to the previous screen.

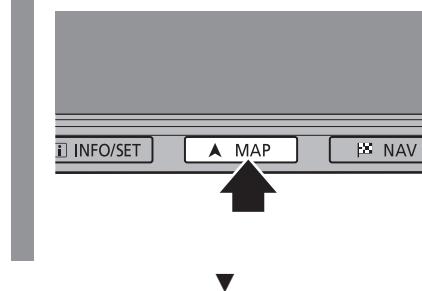
*: This is equipment that only some vehicle types have.

Display the Current Location Screen

You can display the current location screen (p. 32) from the scroll screen (p. 32), destination menu (p. 35), scroll menu (p. 35), etc.

ADVICE

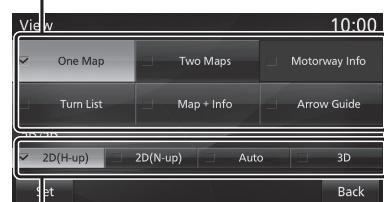
- You can also display the current location screen from the AV screen, the info screen, and other functions.

1 Press the **MAP** key.

Basic Operation

2 Touch either “Type” or “Reference orientation”.

Type



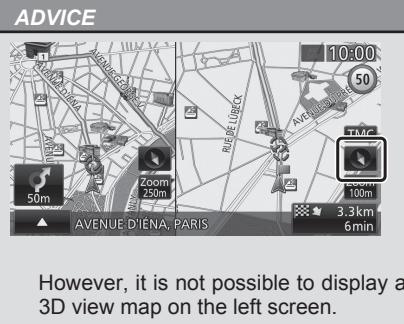
Reference orientation

3 Touch **Set**.

The map type or reference orientation is changed.

ADVICE

- You can select the map type and the reference orientation separately.
- To change the right screen for Two Maps display, touch the direction icon on the right screen side.



Types of Maps

This section explains the types of maps you can change to.

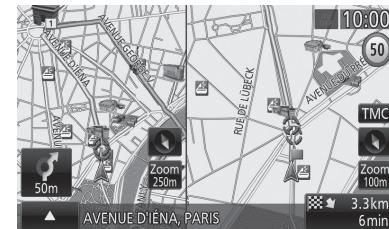
One Map

You can display the standard map on one screen.



Two Maps

You can display two maps with different scales at the same time.



ADVICE

- You can make the right screen a 3D view map.



Basic Operation

Motorway Info

This displays a list of motorway exit service areas with the current location as the starting point.



ADVICE

- You can check various information on the motorway simplified map
→ "Motorway Information" (on page 47)
- To select a motorway simplified map, it is necessary to be driving on a motorway.
- It cannot be displayed on one screen (entire screen).
- You can find out the distance to various establishments and other information.

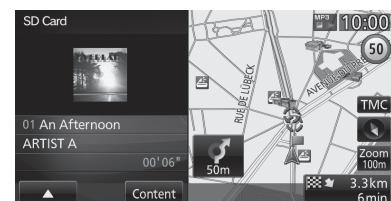
Turn List

This displays a list of the locations for route guidance on the left screen.



Map+Info

Displays a sub-screen and displays the audio status, trip information, etc. at the same time as the map. You can change the information displayed on the sub-screen.
→ "Change the Map+Info Display Information" (on page 40)



Arrow Guide

The location for the next route guidance is displayed with an arrow on the left screen.



Map Reference Orientation

This section explains the map reference orientation, which you can change.

2D (H-up)

This displays a map with the direction in which your car is moving as up.



(Red)

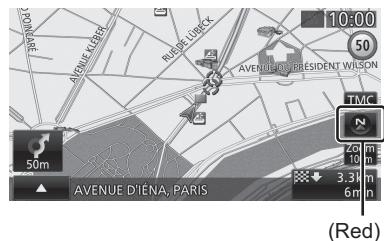
Select the Map Screen

39

Basic Operation

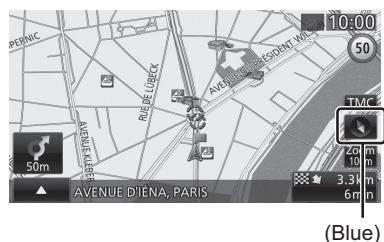
2D (N-up)

This displays a map with north as up.



Auto

This automatically changes between "H-up" and "N-up" linked with the map scale. For scales of 100 m and less, changes to "H-up" and for scales of 250 m and more, changes to "N-up".



3D

This displays a map as seen looking down from above.



ADVICE

- On the 3D view map, if you touch [INFO/ SET], [Settings], [Navigation Settings], [Map Options], and [Change 3D point of view], you can change the point of view.

Change the Map+Info Display Information

Change the information displayed on the Map+Info sub-screen.

1 Touch the "Direction icon".



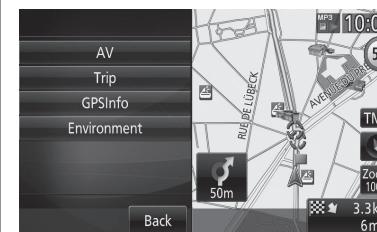
Direction icon

2 Touch **Map+info**.

3 Touch **Set**.

4 Touch **Content**.

5 Touch the "item" to display.



Basic Operation



The screen for the selected item is displayed on the left screen.

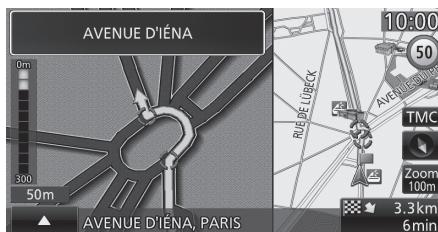
Guidance Display

This product displays various guidance according to the situation.

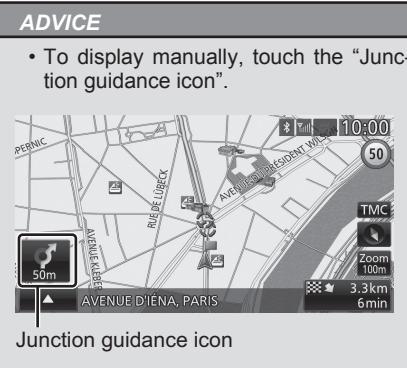
Junction Guidance Map

When you are travelling the route, as you approach a guidance point, this map is displayed together with the voice guidance.

It shows the distance to the junction, the name of the junction, and the name of the area.

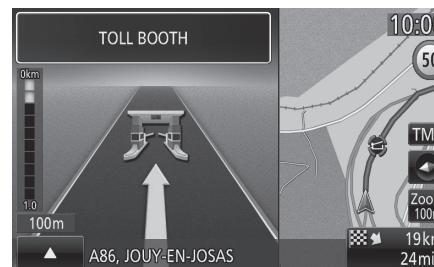


OMCE17E1



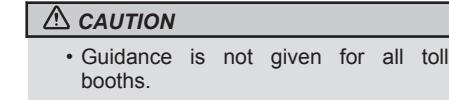
Toll Booth Guidance Map

Displayed when you approach a toll booth.



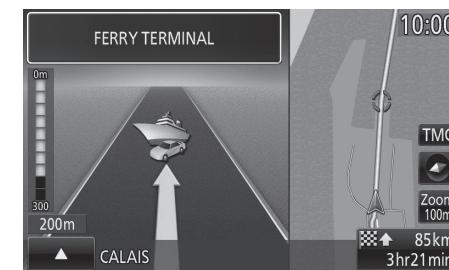
CAUTION

- Car's location mark is not displayed.



Ferry/Car Train Guidance Map

Displayed when you approach the boarding point while you are travelling a route that uses a ferry or car train.



Lane Guidance

Displayed when there is lane information for the junction ahead.



Guidance Display

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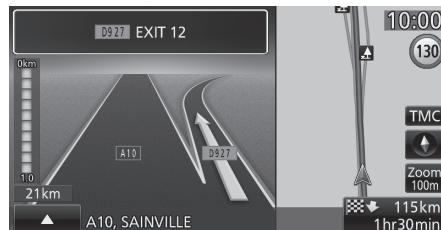
Basic Operation

ADVICE

- This is not displayed while the motorway simplified map is displayed.
- While you are travelling the route, the recommended route is displayed in yellow and the lane you can travel along the route is displayed in light blue.
- There is also audio lane guidance.
- Lane information is displayed for the junction indicated with the arrow.
- Guidance is not given for all lanes.
- Sometimes the actual lanes differ from the guidance.

Junction View

When you approach a junction on a motorway, the actual junction configuration, which way to go, the junction name, etc. are displayed.



⚠ CAUTION

- Car's location mark is not displayed.

⚠ CAUTION

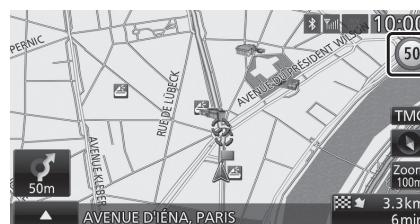
- Sometimes the actual junction configuration differs from the guidance.

Curve Guidance

Warnings are given by audio and with an icon if you try to take a curve too fast. It is necessary to set the [Guidance Options] "Curve Guidance" [On].
→"Navigation Settings" (on page 193)

Speed Indicator Guidance

Displayed if there is speed indicator information while you are driving.



⚠ CAUTION

- Sometimes the actual speed indicators differ from the guidance.

ADVICE

- Guidance is not given for all speed indicators along roads.
- It is necessary to set the [Map Options] "Speed Indicator" "On".
→"Navigation Settings" (on page 193)

Operate the Map

This section explains how to perform such operations as changing the scale and scrolling the map.

Switch the Scale

You can view a wide range or a detailed range.

Basic Operation

1 Touch the **Zoom**.

The scale change is complete.

ADVICE

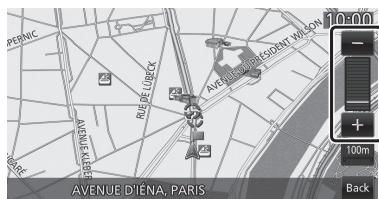
- Allows you to switch the map scale to zoom in and zoom out by turning the [TUNE/ZOOM] key.
- By holding down **-** or **+**, you can use the free zoom function displaying gradually in four steps to the next scale.

Scroll the Map

This is used to move from the current location screen to another location and check the map.

ADVICE

- While you are scrolling, sometimes part of the map is not displayed. They do not indicate a malfunction.
- With [Map Options] "2 Screen Scroll", when you scroll while displaying "Two Maps", you can select whether to continue to display two screens or to switch to one screen. →"Navigation Settings" (on page 193)
- With [Map Options] "3D Scroll", when you scroll while displaying in "3D", you can select whether to continue to display in 3D or to switch to 2D. →"Navigation Settings" (on page 193)



This displays the scale change bar.

2 Touch **+**.

Each time you touch this, the map is displayed in more detail.

3 Touch **-**.

Each time you touch this, the map is displayed wider.

4 Touch **Back**.

1 Touch the location to view.



The **+** mark is aligned with the location you are searching.

ADVICE

- Touching [Back] returns the display to the current location screen (p. 32).
- Holding this down lets you scroll continuously.

Basic Operation

ADVICE

- Touching [Set] displays the scroll menu. You can set the destination, waypoints, and address book.
→"Display the Scroll Menu" (on page 35)

Scroll Fine Adjustment

This finely adjusts the scroll position.

1 After scrolling, touch **Adjust**.

2 Touch the direction.



Touch a few times to finely adjust.

3 Touch **Adjust Off**.

This completes the fine adjustment.

Operations from the Scroll Menu

When you display the scroll menu, you can set the destination, waypoints, address book, etc.

Set as the Destination

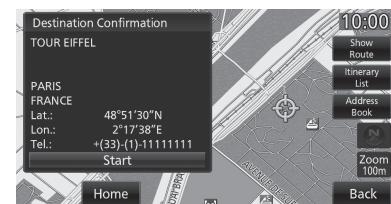
Set the scroll screen (p. 32) location as the destination.

ADVICE

- If a route has already been set, that route is erased and is set as the new destination.

1 Display the scroll menu (p. 35).

2 Touch **Set as Dest.**.



This displays the guidance start screen (p. 62).

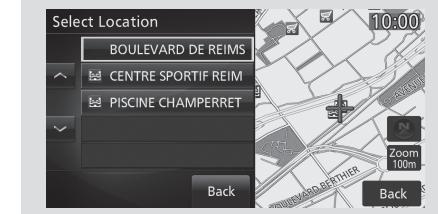
3 Touch **Start**.



The search for the route to the destination is complete and route guidance starts.

ADVICE

- If there is establishment information for the location, a list of these establishments is displayed for you to select from.

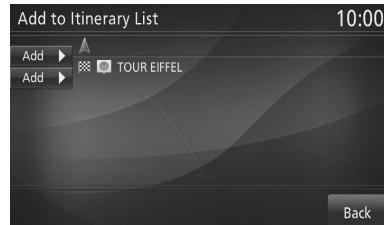


Set as the Waypoint

Set the scroll screen (p. 32)  location as a waypoint.

ADVICE

- It is necessary to set a destination.

**1 Display the scroll menu (p. 35).****2 Touch [Set as Dest.], and then [Itinerary List].****3 Touch [Add] for the location to add.****4 Touch [Start].****Set in the Address Book**

Set the scroll screen (p. 32)  location as an address in the address book.

1 Display the scroll menu (p. 35).**2 Touch [Address Book].**

The  mark is displayed at the searched for location and the address book information screen (p. 81) is displayed.

3 Touch [Set to Addr. Book].

Registration of the location is complete.

ADVICE

- You can change the address book information displayed here.
→“Change Address Book Information” (on page 80)

Search for Nearby Establishments

Search for establishments around (p. 32)  location on the scroll screen.

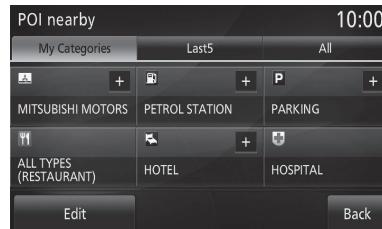
Basic Operation

Here, as an example, petrol stations are searched for around the  location.

1 Display the scroll menu (p. 35).

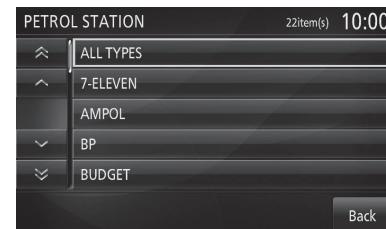
2 Touch **POI nearby**.

3 Touch **PETROL STATION** in "My Categories".

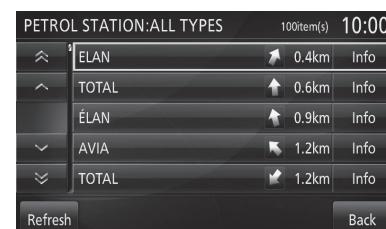


My Categories	Allows you to select from the pre-registered, frequently used categories.→ "Editing My Categories" (on page 53)
Last 5	Allows you to select from the five most recently searched items.

4 Touch any "type".



5 Touch the "establishment" you are searching for.



All

Allows you to select from all categories. When [All] has been touched, you can sort in order of genre or by alphabetical order of name by touching [Sort by Genre] or [Sort by Alphabet].

ADVICE

- Touching [info] displays a map of the surroundings and related information.
- Touching [Refresh] start a search again.

▼
This displays a map of the surroundings and related information for the selected establishment.

Check the Location of Your Car

You can check the relationship between the scroll screen (p. 32)  location and your current location.

1 Display the scroll menu (p. 35).

2 Touch **Location check**.

▼
You can check the relationship between your current location and the cursor location.

ADVICE

- The location with the  mark is the cursor location.

Motorway Information

When you drive on a motorway, "Motorway Info" (p. 38) is displayed. You can check service area and parking area establishment information and junction information.



NAVI



Basic Operation

Basic Operation

Display Contents



1. Route number and route name

Displays the route number and route name for the motorway current displayed in "Motorway Info".

2. Information display

Displays names and establishment information (such as REST AREA and Junction) with icons.

For a motorway exit, displays information on establishments in the surrounding area.

Touching this displays a map of the surroundings for the selected establishment.

3. Distance display

Displays the distance from your car's location.

4. Your car display

Displayed when a list of the establishments closest to the current location is displayed.

ADVICE

- It is necessary to set the [Map Options] "Motorway Simplified Map Automatic Display" "Display".
→ "Navigation Settings" (on page 193)

Basic Operation

This displays "Motorway Info".

Check Area Information

You can check information on SA, PA, IC, and JCT and you can display maps of their surroundings.

1 Touch or .



You can move forward and back through the "Motorway Info". Establishment information is also displayed.

ADVICE

- You cannot go back farther than the location of your car.

Information on Establishments

This displays information on the establishment.
(Up to four establishments can be displayed.)



Icon	Explanation of marks
	PETROL STATION
	RESTAURANT
	REST AREA
	HOTEL
	BANK MACHINE
	BANK

Displaying

With the factory settings, when you drive on a motorway, "Motorway Info" (p. 38) is displayed automatically, so no operation is required.

ADVICE

- If you set the [Map Options] "Motorway Simplified Map Automatic Display" to [Not Display], this operation is performed.
→"Navigation Settings" (on page 193)
- If your car is not on a motorway, "Motorway Info" cannot be displayed.

1 Touch the "Direction icon".



2 Touch **Motorway Info**, and then **Set**.



Basic Operation

2 Touch the “establishment to check.”



This displays a map of the surroundings for the selected establishment.

ADVICE

- Touching [Set] displays the scroll menu. You can set the destination, waypoints, and address book.
→ “Display the Scroll Menu” (on page 35)

Destination Settings

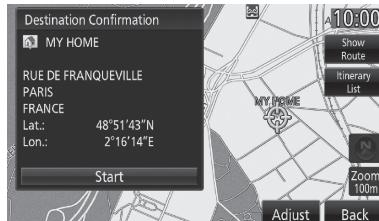
Set Your Home as the Destination

You can set your pre-registered home (p. 75) as the destination.

1 Press the **NAV** key.

This displays the destination menu.

2 Touch **Home**.

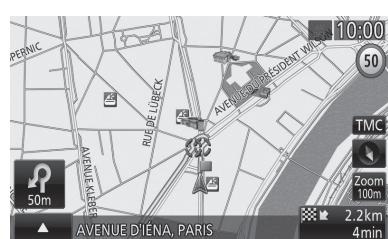


This displays the guidance start screen (p. 62).

ADVICE

- If you have not registered your home, this displays a screen asking if you want to register it, then the setting screen is displayed.→“Register a Home Location” (on page 75)

3 Touch **Start**.



The search for the route with your home as the destination is complete and route guidance starts.

Set the Searched for Location as the Destination

This section explains the series of operations for setting the location searched for with “Search for a location” (p. 52) as the destination.

1 Press the **NAV** key.

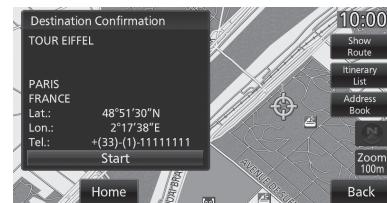
This displays the destination menu.

2 Touch any “search method” and search for the location.



→“Search for a Location” (on page 52)

3 When the location you searched for is displayed, touch **Start**.



Destination Settings



The search for the route that has the searched for location as its destination is complete and route guidance starts.

ADVICE

- Depending on the search method, the establishment name and telephone number may not be displayed.

Search for a Location

With this product, you can use various methods to search for locations.

The location searched for here is used when setting the destination (p. 51), a waypoint (p. 67), or an address in the address book (p. 75).

This section explains the method for searching from the destination menu (p. 22).

Load from the Address Book

Loads Address Book.

1 Press the **NAV** key.

This displays the destination menu.

2 Touch **Address Book**.

This displays the address book list.

3 Touch the “location” to load.

Address Book			
Item(s) 10:00			
Sort by:	Icon	Name	Date
<input checked="" type="checkbox"/> My Home		XX 09 01	Info
<input checked="" type="checkbox"/> LES TROIS QUARTIERS		XX 09 01	Info
<input checked="" type="checkbox"/> PLACE DU LOUVRE		XX 09 01	Info
<input checked="" type="checkbox"/> ARC DE TRIOMPHE		XX 01 01	Info
<input checked="" type="checkbox"/> TOUR EIFFEL		XX 01 01	Info
New	Edit	Delete	Back

This displays the guidance start screen (p. 62).

ADVICE

- Touching [info] displays a map of the surroundings and related information.
- While the guidance start screen is displayed, touching [Address Book] allows you to set a location in the address book.→“Set an Address in the Address Book” (on page 78)

Load a Frequently Used Location from the Address Book

1 Press the **NAV** key.

This displays the destination menu.

2 Touch **Special1** or **Special2**.

Destination	Route Menu	10:00
<input checked="" type="checkbox"/> Address/Junction	<input type="checkbox"/> Address Book	
<input type="checkbox"/> Point of Interest	<input checked="" type="checkbox"/> Previous 50	
<input type="checkbox"/> Postal Code	<input type="checkbox"/> Return Trip	
<input type="checkbox"/> Phone #	<input type="checkbox"/> Latitude/Longitude	
<input type="checkbox"/> Home	<input type="checkbox"/> Special 1	
	<input type="checkbox"/> Special 2	
	<input type="checkbox"/> Guide OFF	

This displays the guidance start screen (p. 62).

Use the Search History

You can use the search history of locations that were set as the destination and display again a map of the surroundings.

ADVICE

- The search history contains the most recent 50 items.

1 Press the **NAV** key.

This displays the destination menu.

Destination Settings

3 Touch the item, then input the "address".



4 Touch **Set**.

▼
This displays the guidance start screen (p. 62).

ADVICE

- Touching [info] displays a map of the surroundings and related information.
- Touching [Last 5] allows you to select from among the last 5 searches.
- [All Junctions] can be selected when the street is input.
- Depending on the state of the information recorded in the map data, representative locations for that area may be displayed.

Search by Inputting an Establishment Name

The name of an establishment can be input to search for its location.

2 Touch **[Previous 50]**.

3 Touch the "location" you are searching for.



▼
This displays the guidance start screen (p. 62).

ADVICE

- Touching [info] displays a map of the surroundings and related information.

Deleting from the Search History

You can delete a registered search history.

1 Press the **NAV** key.

This displays the destination menu.

2 Touch **[Previous 50]**.

3 Touch **[Delete]**.

4 Touch the "location" to delete.



Select All	Selects all the registered items. Touch to delete all.
Clear All	Cancels all the selected items.

5 Touch **Done**.

6 Touch **Yes**.

▼
The search history deletion is complete.

Search from Address

Searches for a location from an address.

1 Press the **NAV** key.

This displays the destination menu.

2 Touch **[Address/Junction]**.

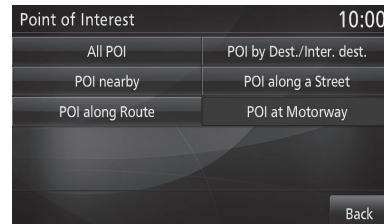
Destination Settings

1 Press the **NAV** key.

This displays the destination menu.

2 Touch **Point of Interest**.

3 Touch **All POIs**.

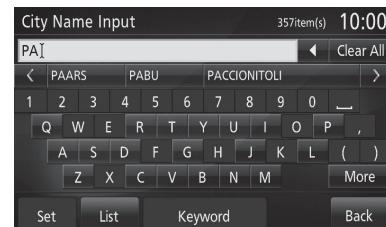


4 Touch the item **Country**, then input the “country name”.

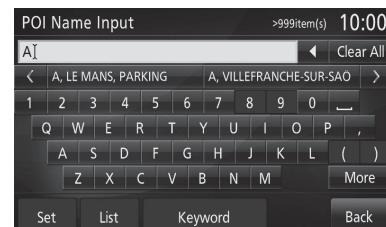


Touching [Last 5] allows you to select from among the last 5 searches.

5 Touch **All Cities**, then input the “city name”.



6 Touch **All POIs**, then input the “name of the establishment” you are searching for.



→“Input assist for searches” (on page 20)
You can search without inputting the entire establishment name.

7 Touch **List**.

When you have input the first few characters of the establishment name, if there is only one candidate left, proceed to Step 8. If there are 5 or less candidates, a list is displayed automatically.

8 Touch the “establishment” you are searching for.



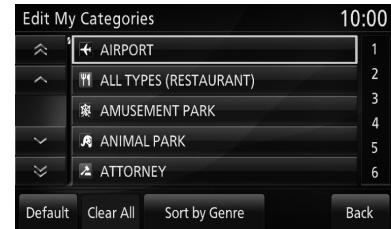
ADVICE

- If the list has the “+” mark, touch [Sub POI], select the detailed establishment name.

Destination Settings

5 Touch **Edit**.

6 Touch the “category” to register.

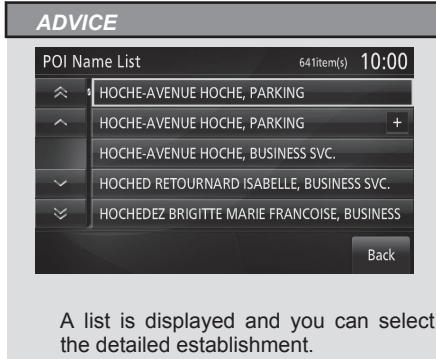


The registered category is displayed inverted.

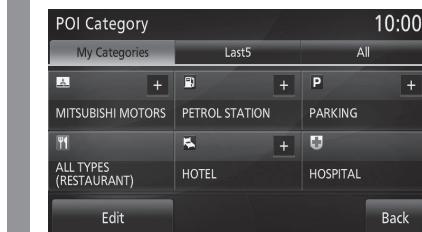
Default	Restores the factory settings.
Clear All	Cancels all the registered categories.
Sort by Alphabet or Sort by Genre	Sorts by genre or in alphabetical order by name.

7 Touch **Back**.

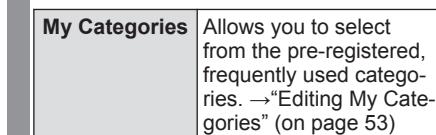
Returns to the previous screen.



9 Touch **All Categories**, then input the “category name”.



The category input can be omitted.



Last 5	Allows you to select from the five most recently searched items.
All	Allows you to select from all categories. When [All] has been touched, you can sort in order of genre or by alphabetical order of name by touching [Sort by Genre] or [Sort by Alphabet].

10 Touch **Set**.

This displays the guidance start screen (p. 62).

Editing My Categories

Registers a frequently used establishment category in “My Categories”. Up to 6 entries can be registered in “My Categories”.

1 Press the **NAVI** key.

This displays the destination menu.

2 Touch **Point of Interest**.3 Touch **All POI**.4 Touch **All Categories**.

Destination Settings

ADVICE

- You can edit categories by touching [Favourites], [My Categories], and [Edit] in the navigation settings menu. (p. Navigation Settings) This changes the settings concerning navigation. → p. 193)

Search for Nearby Establishments

You can search for establishments near the current location and destination and along the route.

Searching for Establishments around the Current Location

As an example, search for petrol stations.

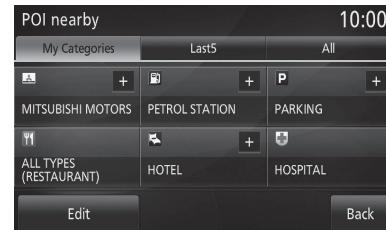
1 Press the **NAV** key.

This displays the destination menu.

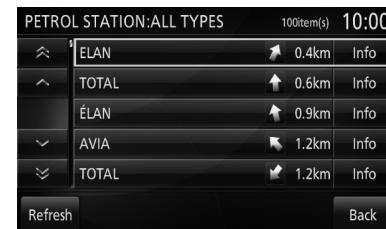
2 Touch **Point of Interest**.

3 Touch **POI nearby**.

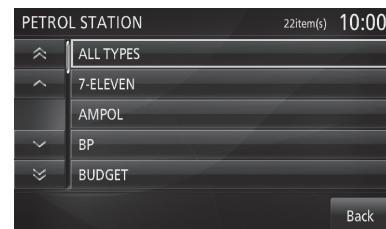
4 Touch **PETROL STATION**.



6 Touch the “establishment” you are searching for.



5 Touch any “Sub-Category”.



This displays the guidance start screen (p. 62).

ADVICE

- Touching [info] displays a map of the surroundings and related information.
- Touching [Refresh] start a search again.
- From the map screen, you can touch **▲**, and then [POI nearby] to search the surroundings.

Searching for Establishments near the Route

1 Press the **NAV** key.

This displays the destination menu.

Destination Settings

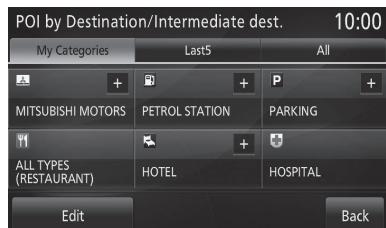
4 Touch an item, then input the "location".



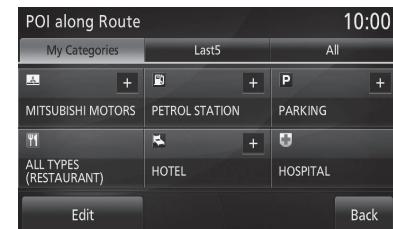
ADVICE

- Touching [Last 5] allows you to select from among the last 5 searches.
- If there are no establishments near the input location, "No POI found." is displayed, so touch [OK] and set a different location.

4 Touch the "location" to search for.



2 Touch [Point of Interest].
3 Touch [POI along Route].



The rest of the procedure is the same as from Step 4 onward in "Searching for Establishments around the Current Location" (on page 56).

Searching for Establishments near the Destination or a Waypoint

1 Press the **NAV** key.
This displays the destination menu.
2 Touch **Point of Interest**.
3 Touch **POI by Dest./Inter. dest.**.

Searching for Establishments near a Street

This searches for establishments near any desired street.

1 Press the **NAV** key.
This displays the destination menu.
2 Touch **Point of Interest**.
3 Touch **POI along a Street**.

Destination Settings

5 Input the “category” for the establishment you are searching for.



6 Input the “name of the establishment” you are searching for.

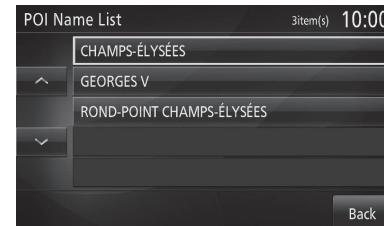


→“Input assist for searches” (on page 20)
You can search without inputting the entire establishment name.

7 Touch **List**.

When you have input the first few characters of the establishment name, if there is only one candidate left, proceed to Step 8. If there are 5 or less candidates, a list is displayed automatically.

8 Touch the “establishment” you are searching for.



9 Touch **Set**.

▼
This displays the guidance start screen (p. 62).

Searching for Establishments along a Motorway or near an Exit

This searches for establishments along a motorway or near an exit. You can only use this when you are driving on a motorway.

1 Press the **NAV** key.

This displays the destination menu.

2 Touch **Point of Interest**.

3 Touch **POI at Motorway**.

4 Touch the “establishment” you are searching for.



If there are multiple establishments,  is displayed for you to select from by touch.

5 Touch **Set**.

▼
This displays the guidance start screen (p. 62).

Operating from a Sub-menu

Establishments around your current location or a motorway can be searched for.

1 On the current location screen, touch .

This displays the sub-menu.

Destination Settings

5 Touch the “EV station type”.



6 Touch the “Connector type”.

Select a connector that is suitable for the vehicle.

7 Touch **Set**.

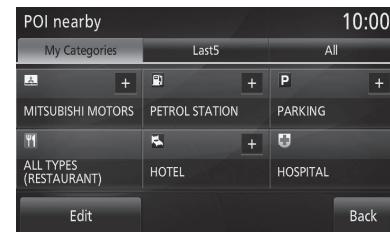
This displays the guidance start screen (p. 62).

Search from Telephone Number

Used when you know the telephone number of the location you are searching for.

1 Press the **NAV** key.

This displays the destination menu.

2 Touch **Phone #**.2 Touch **Search Nearby**.3 Touch **POI nearby** or **POI at Motorway**.

The rest of the procedure is the same as from Step 3 onward in “Searching for Establishments around the Current Location” (on page 56) or “Searching for Establishments along a Motorway or near an Exit” (on page 58).

Functions only for electric vehicles

Operating from the EV Menu

Charging points around your current location or around any location can be searched for.

Searching for Charge Points around the Current Location

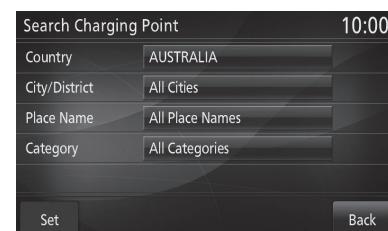
1 On the current location screen, touch **EV**.2 Touch **Nearby charging point**.

The rest of the procedure is the same as from Step 5 onward in “Searching for Establishments around the Current Location” (on page 56)).

Searching for Charge Points around the Desired Location

1 On the current location screen, touch **EV**.2 Touch **Search charging point**.

3 Touch the item, then input the “Desired Location”.

4 Touch **All Categories**.

Destination Settings

3 Input the “telephone number”.



4 Touch **Set**.

▼
This displays the guidance start screen (p. 62).

ADVICE

- Private homes cannot be searched for.

Search from Postal Code

Used when you know the postal code of the location you are searching for.

1 Press the **NAV** key.

This displays the destination menu.

2 Touch **Postal Code**.

3 Touch **All Postal Codes**.

Besides searching by “postal code”, you can also narrow the search by inputting the “street”, “House#”, or “junction”.

4 Input the “postal code”.

→“Input assist for searches” (on page 20)



5 Touch **Set**.

▼
This displays the guidance start screen (p. 62).

Search by Latitude and Longitude

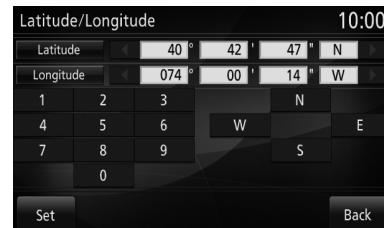
You can set the destination by specifying the latitude and longitude.

1 Press the **NAV** key.

This displays the destination menu.

2 Touch **Latitude/Longitude**.

3 Touch **Latitude** or **Longitude**.



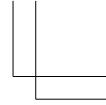
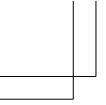
4 Input the “latitude” or “longitude” you are searching for.

→“Keyboard for Number Input” (on page 20)



5 Touch **Set**.

▼
This displays the guidance start screen (p. 62).



Destination Settings

Set the Start Location as the Destination

You can set the start location set for the route as a new destination.

1 Press the **NAVI** key.

This displays the destination menu.

2 Touch **[Return Trip]**.



This displays the guidance start screen (p. 62).



NAVI



Destination Settings

Destination Settings

Guidance Start Screen

This is the screen displayed when the location to set as the destination is decided. This section explains the operations you can do on this screen.



1. Location information

When such location information as the "establishment name", "street name", "city name", "country name", "latitude", "longitude", or "telephone number" has been obtained, it is displayed.

2. Start

The search is executed and route guidance is started.

3. Dial

If a mobile phone is connected, you can call the establishment.
→"Call a Telephone Number Registered on the Map" (on page 180)

4. Home

If your home is not registered, you can register the searched for location as your home.

5. Show Route

Sets the currently searched for location as the destination and shows a simple sketch of the route. You can check the route and change the search conditions.
→"Show Route" (on page 63)

*¹ When the destination setting is set when scrolling the map, it is not displayed.

6. Itinerary List

You can change the destination, add waypoints, and change the route search conditions.

→"Set and Change a Waypoint" (on page 67)

7. Address Book

Registers the search for location in the address book.
→"Set an Address in the Address Book" (on page 78)

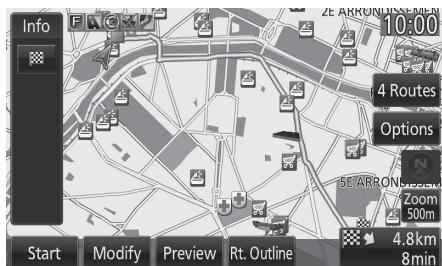
8. Adjust^{*1}

You can scroll the map and change the location.

Destination Settings

Show Route

This section explains the screen displayed when you touch [Show Route].



Options	Detailed settings can be set concerning the route. →"Change Search Conditions" (on page 67)
Info mark	Touching the mark displayed at "Info" will display a map of the surroundings and related information.

Start	Starts route guidance.
Modify	Displays the Itinerary List screen.
Preview	Scrolls the map along the route. →"Check the Route" (on page 64)
Rt. Outline	Displays a list of junctions at which turns must be made on the route to the destination. →"Route Outline" (on page 65)
4 Routes	Displays the overall route to check four routes and allows you to change the search conditions. →"Select from Four Routes" (on page 70)

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Guidance Start Screen

63

NAVI

Destination Settings

Route Checking and Changing

Route Checking

If a route has been set, you can check it.

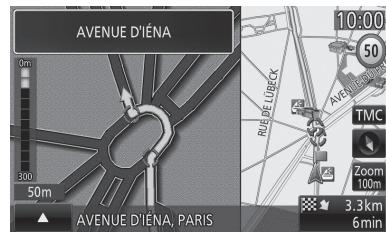
Check the Next Junction to Turn

When the route you are travelling has a junction ahead where you must turn left or right, you can have audio guidance and junction guidance map display provided ahead of time.

ADVICE

- You must be travelling a route.
- For some maps, only audio guidance is provided.

1 On the current location screen, touch the “junction guidance icon”.



This displays an expanded map of the junction to turn next.

Check the Route

You can scroll along the route to check and check maps of the surroundings.

ADVICE

- During checking, the map type displayed is One Map 2D (N-up).
- The same operations can also be carried out on “Show Route” (p. 63) by touching [Preview].

1 Press the **NAV** key.

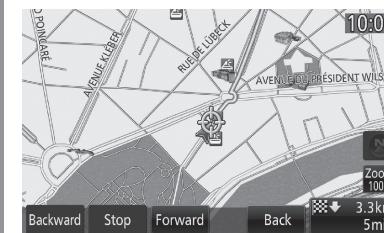
This displays the destination menu.

2 Touch **Route Menu**.

3 Touch **View Route**.

4 Touch **Preview**.

5 Touch the route “check method”.



The map changes to match the check method selected.

Types of Check Methods

Backward	Scrolls from the destination towards the start location.
Stop	Stops scrolling for going backward or forward.
Forward	Scrolls from the start location towards the destination.
Back	Ends scrolling.

Route Checking and Changing



This displays the remaining route.

ADVICE

- When the current location screen is displayed, you can also perform the same operations by touching **▲** [Confirm Route], and [Remaining Route].

Route Outline

This displays a list of junctions at which turns must be made on the route to the destination.

- 1 Press the **NAV** key.

This displays the destination menu.

- 2 Touch **Route Menu**.

- 3 Touch **View Route**.

- 4 Touch **Remaining**.

Check the Entire Route

This displays the map at a scale that allows you to check the route from the start location to the destination.

- 1 On the current location screen, touch **▲**.



- 2 Touch **Confirm Route**.

- 3 Touch **Entire Route**.



Route Checking and Changing



This displays a list of junctions at which turns must be made.

ADVICE

- If you touch one of the junctions in the list, a map of the area around that junction is displayed.

View a Demo Trip

You can travel the prepared route virtually to check.

ADVICE

- Once you have actually driven the route and arrived at the destination, you cannot run the demo trip.

1 Press the **NAV** key.

This displays the destination menu.

2 Touch **Route Menu**.

3 Touch **Start Demo**.



This displays "Demo" and starts the demo trip.

Ending

1 During the demo trip, press the **NAV** key.

This displays the destination menu.

2 Touch **Route Menu**.

3 Touch **Stop Demo**.

This ends the demo trip.

ADVICE

Besides this operation, the demo trip also ends if any of the following conditions are met.

- The trip is actually started.
- The destination or a waypoint is changed. Or deleted.
- The engine/power switch is switched to "OFF".
- A search condition is changed.
- On the itinerary list screen, [Show Route] is touched.

Change the Route

A detour route or a different route can be set for the route currently set. The route search method can also be changed.

1 Press the **NAV** key.

This displays the destination menu.

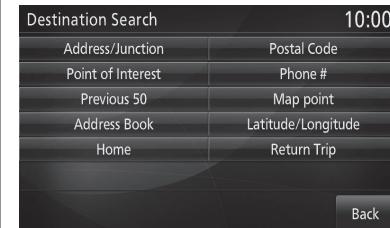
2 Touch **Route Menu**.

3 Touch **Itinerary**.

Route Checking and Changing

1 On the itinerary list screen, touch **Add**.

2 Touch any “search method” and search for the location.



→“Search Method Selection Screen” (on page 67)

3 Touch **Itinerary List**.

4 Touch **Add** for the location to add.



Change the Route

67



This displays the itinerary list.

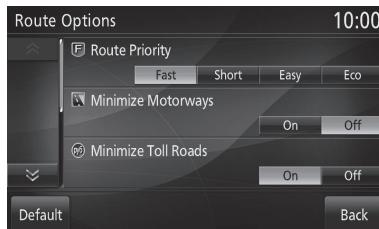
Change Search Conditions

You can change the route search conditions.

1 On the itinerary list screen, touch **Options**.

2 Touch the “search condition” to set.

→“Route Options” (on page 204)



3 Touch **Back**.

4 Touch **Start**.



The search using the set condition is complete.

Set and Change a Waypoint

ADVICE

- Set the destination before setting any waypoint.
- Up to 5 waypoints can be set.

Setting a Waypoint

This section explains the method for setting a waypoint when none has been set yet.

ADVICE

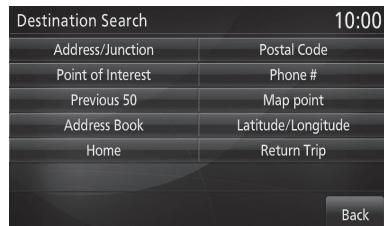
- You can also set a waypoint from the scroll menu (p. 35).

Route Checking and Changing



This sets the waypoint and displays the itinerary list screen (p. 67).

Search Method Selection Screen



Address/Junction	Searches for a location from an address. The procedure is the same as from Step 2 onward in "Search from Address" (on page 53).
Point of Interest	The name of an establishment can be entered to search for its location. "Search by Inputting an Establishment Name" (on page 53). Searches for establishments near the current location and destination and near the route. →"Search for Nearby Establishments" (on page 56)
Previous 50	Uses the search history. The procedure is the same as from Step 2 onward in "Use the Search History" (on page 52).
Address Book ^{*1}	Loads Address Book. The procedure is the same as from Step 2 onward in "Load from the Address Book" (on page 52).
Home ^{*2}	Loads own home.
Postal Code	Used when you know the postal code of the location you are searching for. The procedure is the same as from Step 2 onward in "Search from Postal Code" (on page 60).
Phone #	Used when you know the telephone number of the location you are searching for. The procedure is the same as from Step 2 onward in "Search from Telephone Number" (on page 59).
Map Point	The location scrolled to on the map (p. 43) can be set.
Latitude/Longitude	The latitude and longitude can be entered to search for the location. The procedure is the same as from Step 2 onward in "Search by Latitude and Longitude" (on page 60).
Return Trip	Loads the start location used for route setting.

^{*1}: When you set an address in the address book (p. 78) , this is displayed in the menu.

^{*2}: When you register your home (p. 75) , this is displayed in the menu.

Route Checking and Changing

ADVICE

- When you have passed through all the waypoints, [Delete Point] is greyed out and cannot be selected.

Re-ordering waypoints

The order for reaching the destination and waypoints is changed.

ADVICE

- Waypoints that you have already passed through cannot be re-ordered.

Deleting a Waypoint

Delete a set waypoint.

ADVICE

- Waypoints that you have already passed cannot be deleted.

1 On the itinerary list screen, touch **Delete**.

2 Touch the “waypoint” to delete.



Select All Selects all the registered items. Touch to delete all.

Clear All Cancels all the selected items.

3 Touch **Done**.

4 Touch **Yes**.

▼
This deletes the waypoint and displays the itinerary list screen (p. 67).

Operating from a Sub-menu

You can delete the next waypoint you are scheduled to pass through.

1 On the current location screen, touch .

2 Touch **Change Route**.

3 Touch **Clear Transit Route**.



This deletes the next waypoint you are scheduled to pass through and starts the route search.



3 Touch **Done**.

Route Checking and Changing



The re-ordering of waypoints is complete and the itinerary list screen (p. 67) is displayed.

Select from Four Routes

You can simultaneously search for routes with four different conditions, then select one of them.

ADVICE

- Depending on the road conditions, it may not be possible to search for all four routes.

- 1 On the itinerary list screen, touch **Show Route** and **4 Routes**.

- 2 Touch the “search condition” to set.



The search conditions are the same as for “Route Options” (on page 204) “Route Priority”.



This displays the route with the changed search conditions.

Search for a Detour Route

You can search for a route that detours ahead the distance you specify.

ADVICE

- This operation is not possible if the distance to the destination is less than 1 km.

- 1 Press the **NAV** key.

This displays the destination menu.

- 2 Touch **Route Menu**, and then **Detour**.

- 3 Touch the “distance” to detour.



If you touched [Avoid Street], refer to “Selecting a detouring road” (on page 70).

The search for the route detouring the set distance is complete and route guidance starts.

Route Checking and Changing

Pause Route Guidance

This pauses route guidance.

- 1 On the current location screen, touch .
- 2 Touch **Stop Guidance**.

This pauses route guidance.

ADVICE

- You can pause the route guidance by touching [NAVI] key and [Guide OFF].
- While the route guidance is paused, you can change the destination, waypoints, and search conditions. If you change anything, the search is repeated, then the route guidance starts.

Restarting Guidance

This restarts paused route guidance (p. 71).

- 1 On the current location screen, touch .
- 2 Touch **Change Route**.
- 3 Touch **Alternative Route**.

The route is searched for again and route guidance starts.

NOTE

- You can change the distance unit with [Settings] [Units].
→ "Units" (on page 212)

Selecting a detouring road

Select the street that will be the starting point and the street that will be the ending point, then set a route that detours that range.

- 1 Execute up to Step 2 in "Search for a Detour Route" (on page 70).
- 2 Touch **Avoid Street**.

- 3 Touch the "street" you want to set to the starting point.



If you are detouring only one street, proceed to Step 5.

- 4 Touch the "street" you want to set to the ending point.



- 5 Touch **Set**.

The search for the route detouring the set range of streets is complete and route guidance starts.

Searching for a Different Route

This repeats the searches for the route.

- 1 On the current location screen, touch .
- 2 Touch **Change Route**.

- 3 Touch **Alternative Route**.

The search for a different route is complete and route guidance starts.

Route Checking and Changing

ADVICE

- You can also restart route guidance by touching the [NAV] key, then [Guide ON].

Delete a Route

This deletes the input destination and waypoint and deletes the route.

1 Press the **NAV** key.

This displays the destination menu.

2 Touch **Route Menu**, and then **Delete Route**.

3 Touch **Yes**.

The deletion of the route is complete and the current location screen (p. 32) is displayed.

Operating from a Sub-menu

1 On the current location screen, touch **▲**.

2 Touch **Change Route**.

3 Touch **Delete Route**.

The deletion of the route is complete.

Select the DRG route

When traffic rules that depend on the time of day or TMC message is detected, a route based on the detected information is searched and DRG (Dynamic Route Guidance) route can be selected.

ADVICE

- It is necessary to set the [TMC Options] "Dynamic Route Guidance" to [On].
→"Navigation Settings" (on page 193)

1 When the search for a new route based on the time of day or TMC message is complete...



[Show Route] is displayed and an audio guidance is provided.

2 Touch **Show Route**.

3 Touch **New**.

This shows the new route.

ADVICE

- Touching [Current] keeps the route currently selected.

Register an Avoid Area

You can register and edit areas you want to avoid passing through for route searches.

NOTE

- Up to 5 avoid areas can be registered.

1 Press the **NAV** key.

This displays the destination menu.

2 Touch **Route Menu**, and then **Avoid Areas**.

Route Checking and Changing

3 Touch any [Empty].

Avoid Area List			10:00
Empty	Active	Inactive	
Delete		Back	

▼
This displays the current location screen.

4 Touch [Search].

To register the displayed location, proceed to Step 6.

ADVICE

- You can change the name of the avoid area by touching [Name].
→ "How to Input Characters" (on page 18)

5 Touch an item, then input the "location".

Avoid Area Search			10:00
Country	FRANCE	Last5	
City/District	All Cities	Last5	
Street	All Streets	Last5	
Set		Back	

Touching [Last 5] allows you to select from among the last 5 searches.

6 Touch [Set].

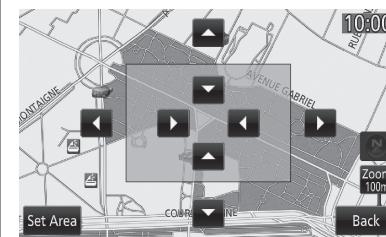
If you do not want to adjust the area, proceed to Step 12.

7 Touch [Adjust].

This adjusts the area range.
You can change the location by touching the map screen.

8 Touch [Adjust Size].

9 Touch **▲**, **▼**, **◀**, or **▶** to adjust the range.



10 Touch [Set Area].

11 Touch [Set Area] again.

12 Touch [Set].

▼
This displays the avoid area list screen.

Editing an Avoid Area

You can change and set avoid areas.

1 Execute up to Step 2 in "Register an Avoid Area" (on page 72).

2 Touch [Active] or [Inactive] for the set area.

NAVI

Route Checking and Changing

Route Checking and Changing

Active	Sets that route guidance does not take you through the registered area.
Inactive	Sets that route guidance does take you through the registered area.

The editing is complete.

The deletion of the selected area is complete.

Deleting an Avoid Area

This deletes a registered area.

1 Execute up to Step 2 in “Register an Avoid Area” (on page 72).

2 Touch **Delete**.

3 Touch the “area” to delete.



This displays the area to edit.

ADVICE

- You can change the avoid area information displayed here. Execute the procedure for Steps 4 through 10 in “Register an Avoid Area” (on page 72).

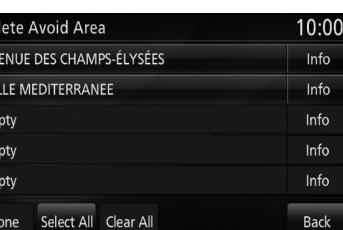
4 Touch **Set**.

Select All Selects all the registered items. Touch to delete all.

Clear All Cancels all the selected items.

4 Touch **Done**.

5 Touch **Yes**.



Set an Address in the Address Book

1 Register a Home Location

If you register your home, it is simple to set a route going home from the location you have gone out to.

ADVICE

- For information on how to set a route returning to your home, refer to "Set Your Home as the Destination" (on page 51).
- For information on how to delete the registration of your home, refer to "Erase Your Home Registration" (on page 76).
- You can only register one home.

1 Press the **NAV** key.

This displays the destination menu.

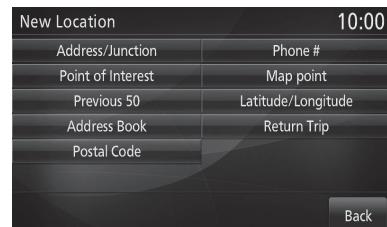
2 Touch **Home**.

3 Touch **Yes**.

4 Touch **New** in "Home Location".



5 Touch any "search method" and search for the location.

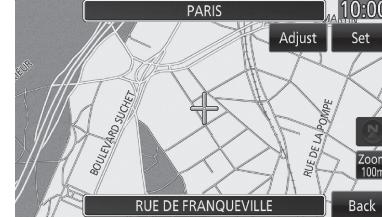


→"Search Method Selection Screen" (on page 67)

ADVICE

- If the current location is your home, you can register it by simply touching [Map Point].

6 When the location you searched for is displayed, touch **Set**.



This displays the mark at the searched for location and the home address information (p. 80).

Set an Address in the Address Book

ADVICE

- You can change the address book information displayed here. Execute the procedure for Steps 5 and beyond in "Change Address Book Information" (on page 80).

7 Touch **Set as Home**.

▼
Registration of your home is complete.

Change the Home Location

You can edit your home information.

1 Press the **INFO/SET** key.

This displays the Information menu.

2 Touch **Settings**.

The settings menu is displayed.

3 Touch **Navigation settings**.

4 Touch **Favourites**.

5 Touch **Edit** in "Home Location".



This displays the information in the address book for your home (p. 80).

ADVICE

- You can change the address book information displayed here. Execute the procedure for Steps 5 and beyond in "Change Address Book Information" (on page 80).

6 Touch **Set as Home**.

▼
Editing of your home is complete.

Erase Your Home Registration

This deletes your home registration.

1 Execute up to Step 4 in "Change the Home Location" (on page 76).

2 Touch **Delete** in "Home Location".

3 Touch **Yes**.

▼
Deletion of your home registration is complete.

Set a Frequently Used Location in the Address Book

You can register locations frequently used as a destination or waypoint.

ADVICE

- Up to 2 frequently used locations.

1 Press the **NAV** key.

This displays the destination menu.

Set an Address in the Address Book

2 Touch **[Special1]** or **[Special2]**.



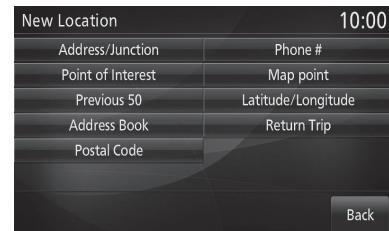
ADVICE

- If you touch a number for which a frequently used location has already been registered, that location is loaded. To make a new registration, select a number for which no location has been registered.

3 Touch **[Yes]**.

4 Touch the “unregistered list”.

5 Touch any “search method” and search for the location.



→“Search Method Selection Screen” (on page 67)

6 When the location you searched for is displayed, touch **[Set]**.



This displays the **[1]** mark at the searched for location and the frequently used location information (p. 80).

ADVICE

- You can change the address book information displayed here. Execute the procedure for Steps 5 and beyond in “Change Address Book Information” (on page 80).

7 Touch **[Set as Location]**.

Frequently used location registration is complete.

Set a Frequently Used Location in the Address Book

Set an Address in the Address Book

Change a Frequently Used Location

You can edit frequently used locations.

1 Press the **INFO/SET** key.

This displays the Information menu.

2 Touch **Settings**.

The settings menu is displayed.

3 Touch **Navigation settings**.

4 Touch **Favourites**.

5 Touch **Edit** in "Special Location".

Edit Special Location Entries		10:00
<input checked="" type="checkbox"/>	PLACE DU LOUVRE	XX 09 01 Info
<input checked="" type="checkbox"/>	ARC DE TRIOMPHE	XX 09 01 Info
<input checked="" type="checkbox"/>	LES TROIS QUARTIERS	XX 09 01 Info
		Info
		Info
		Back

This displays the information in the address book for frequently used locations (p. 80).

ADVICE

- You can change the address book information displayed here. Execute the procedure for Steps 5 and beyond in "Change Address Book Information" (on page 80).

6 Touch **Set as Location**.

Frequently used location editing is complete.

Delete a Frequently Used Location

1 Execute up to Step 4 in "Change a Frequently Used Location" (on page 78).

2 Touch **Delete** in "Special Location".

3 Touch the "frequently used location" to delete.

4 Touch **Done**.

5 Touch **Yes**.

Frequently used location deletion is complete.

Set an Address in the Address Book

Setting a location you have gone to, a location you want to go see, or the like in the address book makes route setting simple.

ADVICE

- Up to 200 addresses can be registered in the address book.

Register the Current Location

This registers the location where you are now (your car's location) from the current location screen.

1 On the current location screen, touch **▲**.

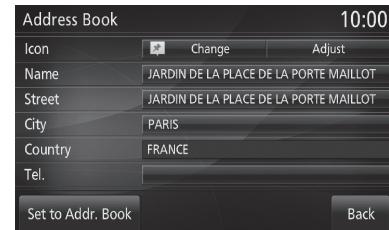
2 Touch **Set Location**.

Registration of the current location is complete.

ADVICE

- The address book information screen is not displayed and the address is set in the address book with the name blank.

Set an Address in the Address Book

4 Touch **Set to Addr. Book**.

This displays the mark at the searched for location and the address book information screen (p. 80).

Registration of the search for location is complete.

ADVICE

- You can change the address book information displayed here. Execute the procedure for Steps 5 and beyond in "Change Address Book Information" (on page 80).

Change the List Order

You can change the order of items in the address book list.

ADVICE

- Fill in the blank column of the address book information according to the objective.
→"Change Address Book Information" (on page 80)

Register a Searched for Location

This section explains the series of operations for registering a location searched for from the destination menu (p. 22) in the address book.

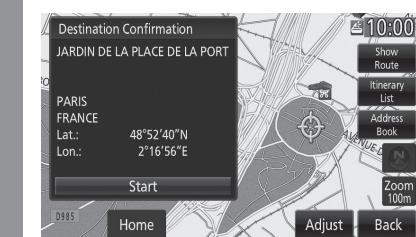
ADVICE

- You can also register by touching [NAV] key, [Address Book], and [New].

1 Press the **NAV** key.

This displays the destination menu.

2 Touch any "search method" and search for the location.

3 When the location you searched for is displayed, touch **Address Book**.

ADVICE

- Depending on the search method, the establishment name and telephone number may not be displayed.

Set an Address in the Address Book

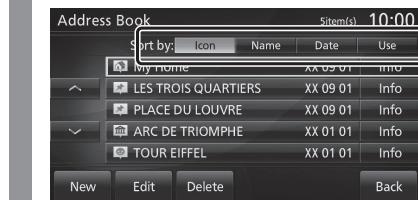
1 Press the **NAV** key.

This displays the destination menu.

2 Touch **Address Book**.

This displays the address book list.

3 Touch the “order” to change to.



The list is changed to the selected order.

Types of Order

Icon	Sorts the list of marks in order from the top left.
Name	The marks are displayed in order of the names in the Address Book.
Date	The marks are displayed in order of the newest registration.

Use

Sorts the list of marks in order of marks recently used for route searches and searches using the Address Book.

Delete an Address from the Address Book

Delete an address registered in the address book.

1 Press the **INFO/SET** key.

This displays the Information menu.

2 Touch **Settings**.

The settings menu is displayed.

3 Touch **Navigation settings**.

4 Touch **Favourites**.

5 Touch **Delete** in "Address Book".

6 Touch the “address in the address book” to delete.



Select All

Selects all the registered items. Touch to delete all.

Clear All

Cancels all the selected items.

7 Touch **Done**.

8 Touch **Yes**.

▼
Deletion of the selected address is complete.

Change Address Book Information

You can change and delete addresses from the address book.

ADVICE

- The location must already be registered.

Set an Address in the Address Book

2 Touch the “icon” to change.



The icon change is complete.

ADVICE

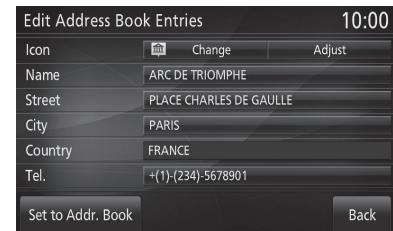
- There are 49 icons to choose from.
- Touching eliminates display of the mark on the map screen.

Adjust

You can change the location in the address book.

1 On the address book information screen, touch **Adjust**.

5 Touch the “information” to change.



Address Book Information Screen

This section explains the address book information you can change.

Icon

You can change the mark for the registered address displayed on the map screen.

ADVICE

- You cannot change the location mark for your home.

1 On the address book information screen, touch **Change** in “icon”.1 Press the **NAV** key.

This displays the destination menu.

2 Touch **Address Book**.

This displays the address book list.

3 Touch **Edit** in “Address Book”.

4 Touch the “address in the address book” to change.



Set an Address in the Address Book

2 Scroll the map (p. 43) and line up the  mark with the “location” to change.



3 Touch **Set**.

The location change is complete.

Name

You can change the name of the location mark for the location in the address book displayed on the map screen.

ADVICE

- You can select to display or not display the name of the location in the address book on the map with [Map Options] “Address Book Names”.
→“Navigation Settings” (on page 193)

1 On the address book information screen, touch “Name”.

2 Input the “name” to change, then touch **Set**.



→“How to Input Characters” (on page 18)

The name change is complete.

Street or City

You can change the street name or city name.

1 On the address book information screen, touch “street” or “city”.

2 Input the “name” to change, then touch **Set**.



→“How to Input Characters” (on page 18)

The street name or city name change is complete.

Tel

You can register the telephone number in the address book.

1 On the address book information screen, touch “TEL”.

Set an Address in the Address Book

2 Input telephone number by touching “numbers”, then touch **Set**.



The telephone number change is complete.

NOTE

- Telephone numbers up to 24 digits long can be input.

NAVI

Set an Address in the Address Book

TMC (Traffic Message Channel)

TMC

You can use the real-time traffic message.

DRG (Dynamic Route Guidance)

When the TMC messages or traffic rule information is detected, the best route is calculated automatically based on the detected information and guidance is provided.
→"Select the DRG route" (on page 72)

ADVICE

- It is necessary to set the [TMC Options] "Dynamic Route Guidance" to [On].
→"Navigation Settings" (on page 193)

TMC Surveillance Map

TMC (Traffic Message Channel) is a service that provides traffic message using FM radio waves.
Areas can be registered to check the traffic rules and traffic messages of the registered area.

→"Registering the TMC Surveillance Map" (on page 87)

TMC Switches

You can receive or check traffic messages.

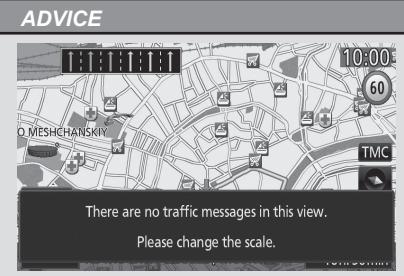
1 On the current location screen, touch **TMC**.



This displays TMC messages with TMC Event Icons.

ADVICE

- If a broadcast station is not received, the below screen is displayed.



TMC Event Icons

Each traffic message is displayed with the following marks on the map.

ADVICE

- Whether or not to display "TMC Event Icons" can be selected with [TMC Options]→[TMC Icons on Map].
→"TMC Icons on Map" (on page 206)

Traffic

	Closed/ Blocked		Contra flow
	Accident		Diversion

TMC (Traffic Message Channel)

	Congestion		Narrow Road
	Road Work		Slippery Road

Other

	Other Hazards		Parking Information
	Information		

Traffic Congestion Information

Red	Road closures Traffic jams
Orange	Congestion

NAVI

TMC (Traffic Message Channel)

TMC (Traffic Message Channel)

Display Contents

This section explains the TMC messages displayed on the map.



1. Traffic congestion information

Allows you to check the traffic congestion status displayed with lines.

2. Traffic rule information

Allows you to check the road closures and lane regulations with TMC Event Icons.

*This is not displayed when there are no icons to display.

3. Traffic *

Only Traffic icons can be displayed.

4. Other *

Only Other icons can be displayed.

TMC (Traffic Message Channel)

ADVICE

- Touching [Map] displays a map of the surroundings.

Registering the TMC Surveillance Map

Areas can be registered to check traffic messages.

NOTE

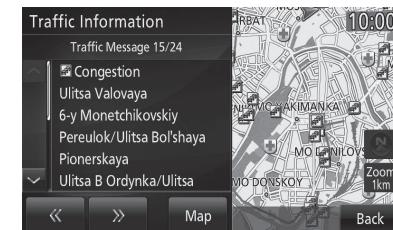
- Up to 3 areas can be registered.

Registering from TMC traffic messages

1 Execute up to Step 2 in “Checking the TMC traffic messages” (on page 87).

ADVICE

- You can check the previous and next information by touching [◀] or [▶].



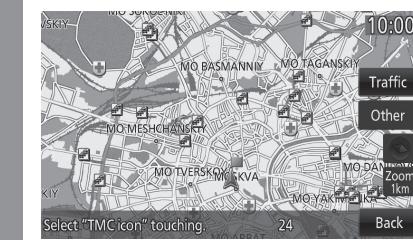
This displays the traffic message screen.

Checking the TMC traffic messages

You can check the traffic messages using TMC.

1 On the current location screen, touch **TMC**.

2 Touch the “TMC Event Icons” to check.



TMC (Traffic Message Channel)

2 Touch **Map**.

3 Touch **Set**.

4 Touch **TMC Surveillance Map** to register.

If you select the registered [TMC Surveillance Map], it is overwritten.

4 Touch **TMC Surveillance Map** to register.

If you select the registered [TMC Surveillance Map], it is overwritten.

▼
Registration of the TMC Surveillance Map is complete.

Registering from Scroll Menu

1 Scroll the map (p. 43) and line up the  mark with the “location” to register.



2 Touch **Set**.

3 Touch **Set as TMC surveillance**.

AV

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.

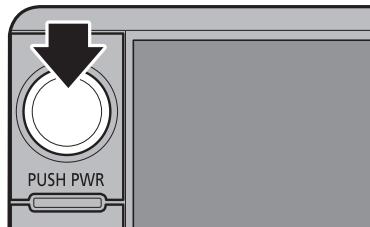
Switch Audio ON/OFF

You can switch the audio function ON/OFF.

ADVICE

- Hold down the steering [MODE] key to also turn the audio function ON/OFF.
- Hold down the [PUSH PWR] key to turn off the audio function and disable the screen display.

1 Press the **PUSH PWR** key.



▼
This switches the audio function OFF.

2 Press the **PUSH PWR** key.

▼
The audio function comes ON.

Adjust Volume

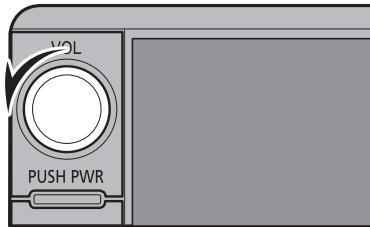
Adjust the audio function volume.

AV

Audio Functions

Audio Functions

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.

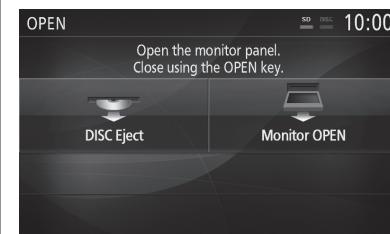
⚠ CAUTION

- 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.
- Do not place anything (juice or anything else) on the panel.
- Be careful that your hand or fingers are not pinched when you open or close the panel.
- Some discs cannot be detected in the disc slot, for example discs that cannot be played back. Check that the panel can close before trying to close it.
- Do not forcefully close the panel with your hands. Doing so may lead to malfunction.

Inserting the Disc

1 Press the **OPEN/CLOSE** key.

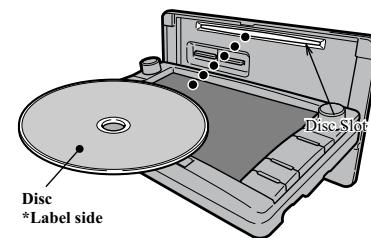
2 Touch **Monitor OPEN**.



▼

The monitor panel opens.

3 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.

4 Press the **OPEN/CLOSE** key.

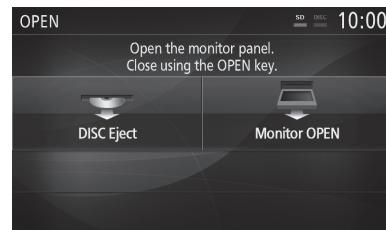
Audio Functions

The monitor panel closes and playback starts.

Ejecting the Disc

1 Press the **OPEN/CLOSE key.**

2 Touch **DISC Eject.**



The monitor panel opens and the disc is ejected from the product, so remove it.

3 Press the **OPEN/CLOSE key.**

The panel closes.

Forcing Disc Ejection

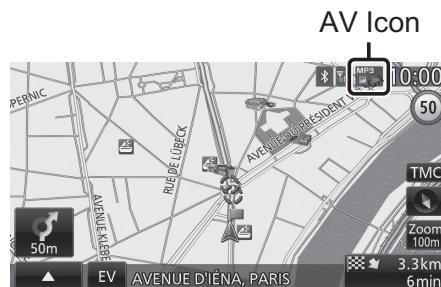
Usually, when the disc loading ends normally, the inserted disc can be ejected with the method in the "Ejecting the Disc", but if disc loading fails and the playback information screen can be displayed, you can forcibly eject the disc with the following method.

1 Hold down the **OPEN/CLOSE key when starting the system.**

The disc is forcibly ejected from this product.

AV Icons

During audio playback, an icon is displayed on the navigation screen as below in order to show the audio source being played back.



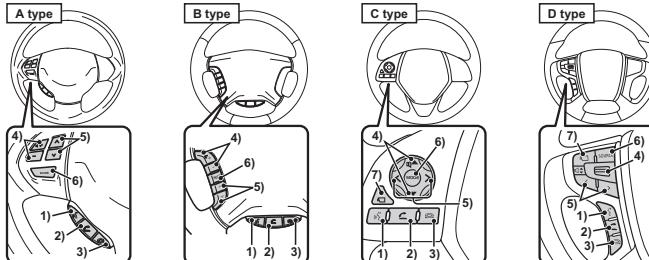
Icon	Audio source
	Disc (Example: CD)
	Audio file on SD card (Example: MP3)
	iPod/iPhone
	Audio file on USB memory (Example: MP3)
	Bluetooth Audio
	AUX

ADVICE

- It is necessary to set the [Map Options] "AV Icon" "Show".
→ "Navigation Settings" (on page 193)

Steering Remote Control Switch Operation

Audio Functions



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. **Vol +, - key / ▲, ▼ key**
Adjust audio functions and the telephone function volume.
5. **◀, ▶ key / <, > key**
Allows you to select CD and other audio source tracks and radio stations.
Hold down for fast forward and rewind.
6. **MODE key/ SOURCE 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.
[FM]→[MW]→[LW]→[DAB^{*6}]→[CD]→
[SD^{*2}]→[CD]→ [iPod^{*3}] or [USB device^{*3}]→ [Bluetooth Audio^{*1, *4}]→
[AUX^{*5}]→ [FM]

7. **CAMERA key** ^{*7}
The picture from the Multi Around Monitor can be displayed.
→“Camera” (on page 183)

- ^{*1} Can be used with vehicles equipped with a Bluetooth® 2.0 interface.
- ^{*2} First, it is necessary to insert an audio SD card into this product.
- ^{*3} An iPod or USB connection cable (available separately) is required.
- ^{*4} This requires an audio device that is Bluetooth capable (available separately).
- ^{*5} This is equipment that only some vehicle types have. It cannot be used with vehicles that do not support AUX devices.
- ^{*6} Can be used with vehicles equipped with DAB tuner.
- ^{*7} Equipment by type.

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.

Audio Functions

- 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.
- 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.

- 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  DIGITAL AUDIO	12 cm	74 minutes	—
CD-TEXT  DIGITAL AUDIO TEXT	12 cm	74 minutes	—
CD-R/RW  DIGITAL AUDIO Recordable	12 cm	—	• Disc containing MP3/WMA/AAC files
  DIGITAL AUDIO ReWritable			

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.

Audio Functions

- There may be jumping in the audio.
- The disc may not be recognized.
- 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/WAV)

This product can play back MP3/WMA/AAC/WAV format^{*2} audio files recorded on CD-ROM, CD-R/RW, USB devices, and SD cards^{*1}.

*1 SD card inserted into user slot

*2 WAV files recorded on CD-ROMs and audio files in AAC format that have ".aac" file extension cannot be played.

There are limitations on the files and media that can be used, therefore read the following prior to recording MP3/WMA/AAC/WAV format audio files on any medium. 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/WAV format audio files include title information or other data, then this can be displayed.

⚠ CAUTION

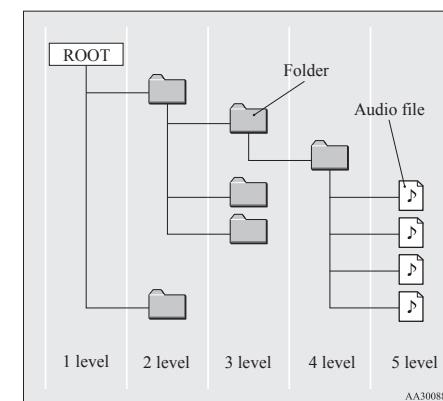
- Actions such as copying audio CDs or files and either distributing these to others for free or for charge, or uploading files via the Internet or other means to servers is an infringement of the law.
- Do not append the file extensions ".mp3", ".wma", ".m4a", ".aac", or ".wav" to other than MP3/WMA/AAC/WAV format files. Playing back discs with files whose contents do not match their file extension may cause the files to be incorrectly identified for playback, which may lead to loud noise, resulting in speaker damage or accident.

ADVICE

- Files larger than 2GB in size cannot be played back.
- 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 recognized. You can create a folder structure as in Genre - Artist - Album - Track (MP3/WMA/AAC/WAV format audio files) for management of tracks.



Audio Functions

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)
	ISO9660 extension	Joliet	Files 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 1 st level)		
Maximum folder number	100 folders (including root)		
Maximum file number *1	255 files (total number on media. Other than MP3, WMA, AAC, and WAV files not included)		
File name and folder name restrictions	Maximum 128 bytes (for Unicode, 64 characters), files/folders with file/folder names longer than this will not be displayed or played back.		
USB, SD card supported formats	The recommended file system is FAT32. 1 partition only The maximum supported capacity for an SD card is 32GB (SDHC standard supported). The recommended class for an SD card is Class 4 or higher.		

*1: Do not include other than MP3/WMA/AAC/WAV files. However, if storing many tracks within the same folder, these may not be recognized 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.

AV

Audio Functions

Audio Functions

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 vehicles with the Bluetooth® 2.0 interface, refer to the vehicle's user manual (Bluetooth® 2.0 interface).

Item	Details
Specification	MPEG-1 AUDIO LAYER3
	MPEG-2 AUDIO LAYER3
Sampling frequency [kHz]	MPEG-1: 32/44.1/48
	MPEG-2: 16/22.05/24
Bit rate [kbps]	MPEG-1: 32 to 320
	MPEG-2: 32~160
VBR (variable bit rate)	Support
Channel mode	Stereo/ Joint stereo/ Dual channel/ Monaural
File extension	mp3
Supported tag information	ID3 tag Ver. 1.0, Ver. 1.1, Ver. 2.3, Ver. 2.4 (ISO-8859-1, UTF-16 (Unicode)), Titles, Artist name, Album name

*1: Depending on the characters used, you may not be able to input the maximum number of characters.

Audio Functions

Item	Details	
Maximum number of characters that can be indicated on the source plate ^{*1}	Album names: 40 single-byte characters (20 double-byte characters) Title names: 24 single-byte characters (9 double-byte characters)	
Maximum number of characters that can be indicated in a list ^{*1}	Folder names : 47 single-byte characters (23 double-byte characters) Files names : 44 single-byte characters (22 double-byte characters)	
	When folder list displayed	50 single-byte characters (25 double-byte characters) * In the 2 nd level (the root being the 1 st level) * The number of characters displayed depends on the level. Each level down has 3 single-byte characters (2 double-byte character) less.
	When track list displayed	Files names: 47 single-byte characters (23 double-byte characters)

^{*1}: Depending on the characters used, you may not be able to input the maximum number of characters.

AV

Audio Functions

Audio Functions

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 vehicles with the Bluetooth® 2.0 interface, refer to the vehicle's user manual (Bluetooth® 2.0 interface).

Item		Details
Specification		Windows Media Audio Version2~9
Sampling frequency [kHz]	Play from CD	32/44.1/48
	Play from SD/USB	16/22.05/32/44.1/48
Bit rate [kbps]	Play from CD	32/40/48/64/80/96/128/160/192/256/320
	Play from SD/USB	32/40/48/64/80/96/128/160/192
VBR (variable bit rate)		Support
Channel mode		Stereo/Monaural
File extension		wma
Supported tag information		WMA tags Title name, Artist name, Album name
Maximum number of characters that can be indicated on the source plate ^{*1}		Album names: 40 single-byte characters (20 double-byte characters) Title names: 24 single-byte characters (9 double-byte characters)

^{*1}: Depending on the characters used, you may not be able to input the maximum number of characters.

Audio Functions

Item	Details	
Maximum number of characters that can be indicated in a list ^{*1}	Folder names : 47 single-byte characters (23 double-byte characters) Files names : 44 single-byte characters (22 double-byte characters)	
When folder list displayed	50 single-byte characters (25 double-byte characters) * In the 2 nd level (the root being the 1 st level) * The number of characters displayed depends on the level. Each level down has 3 single-byte characters (2 double-byte character) less.	
When track list displayed	Files names: 47 single-byte characters (23 double-byte characters)	

^{*1}: Depending on the characters used, you may not be able to input the maximum number of characters.

AV

Audio Functions

Audio Functions

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 vehicles with the Bluetooth® 2.0 interface, refer to the vehicle's user manual (Bluetooth® 2.0 interface).

Item	Details	
Specification	Advanced Audio Coding MPEG4/AAC-LC MPEG2/AAC-LC	
Sampling frequency [kHz]	Play from CD	11.025/16/22.05/24/32/44.1/48
	Play from SD/USB	8/11.025/12/16/22.05/24/32/44.1/48/64/88.2/96
Bit rate [kbps]	Play from CD	16~320
	Play from SD/USB	16~576
VBR (variable bit rate)	Support	
Channel mode	Stereo/Monaural	
File extension	m4a,aac (Only ".m4a" is supported on discs)	
Supported tag information	AAC tags or ID3 tags Title, Artist name, Album name	
Maximum number of characters that can be indicated on the source plate* ¹	Files names: 24 single-byte characters (9 double-byte characters) Folder names: 40 single-byte characters (20 double-byte characters)	

*¹: Depending on the characters used, you may not be able to input the maximum number of characters.

Audio Functions

Item	Details	
Maximum number of characters that can be indicated in a list ^{*1}	Playlist names	: 47 single-byte characters (23 double-byte characters)
	Title names	: 44 single-byte characters (22 double-byte characters)
	When folder list displayed	50 single-byte characters (25 double-byte characters) * In the 2 nd level (the root being the 1 st level) * The number of characters displayed depends on the level. Each level down has 3 single-byte characters (2 double-byte character) less.
	When track list displayed	Files names: 47 single-byte characters (23 double-byte characters)

^{*1}: Depending on the characters used, you may not be able to input the maximum number of characters.

AV

Audio Functions

Audio Functions

What Is WAV?

WAV is the abbreviation of "RIFF wave form Audio Format" and is mostly used on Windows. This audio data format was developed by Microsoft and IBM. Normally WAV files are not compressed and that is the only type of WAV file that this product can handle.

⚠ CAUTION

- WAV files different from the standards above may not be played back correctly or file/folder names may not be displayed correctly.

Standards for WAV Files That Can Be Played Back

Specifications for WAV files that can be played are as below.

* For vehicles with the Bluetooth® 2.0 interface, refer to the vehicle's user manual (Bluetooth® 2.0 interface).

Item	Details
Specification	RIFF wave form Audio Format
Sampling frequency [kHz]	8/11.025/16/22.025/32.44.1
Number of quantization bits [bit]	16
Bit rate [kbps]	128 to 1411.2
Channel mode	Stereo/Monaural
File extension	wav
Maximum number of characters that can be indicated on the source plate ^{*1}	Files names: 24 single-byte characters (9 double-byte characters) Folder names: 40 single-byte characters (20 double-byte characters)

^{*1}: Depending on the characters used, you may not be able to input the maximum number of characters.

Audio Functions

Item	Details	
Maximum number of characters that can be indicated in a list ^{*1}	Folder names: 47 single-byte characters (23 double-byte characters) File names: 44 single-byte characters (22 double-byte characters)	
	When folder list displayed	50 single-byte characters (25 double-byte characters) * In the 2 nd level (the root being the 1 st level) * The number of characters displayed depends on the level. Each level down has 3 single-byte characters (2 double-byte character) less.
	When track list displayed	Files names: 47 single-byte characters (23 double-byte characters)

^{*1}: Depending on the characters used, you may not be able to input the maximum number of characters.

AV

Audio Functions

Radio

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. When Audio is ON, each time the key is pressed, the radio source changes.

2 Touch **Source**.

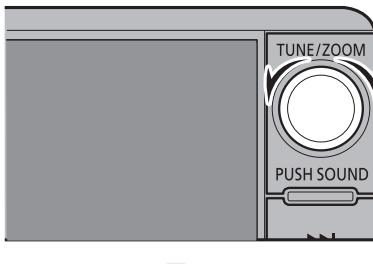
This displays the AV Source.

3 Touch **FM**, **MW** or **LW**.



The radio broadcast information screen is displayed.

4 Turn the **TUNE/ZOOM** key to select a station.



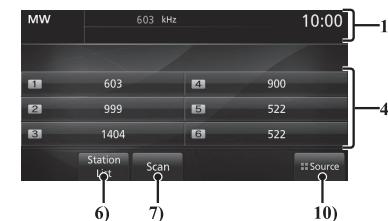
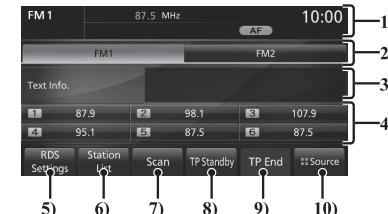
The station at the selected frequency is played.

ADVICE

- By pressing the [MAP] key, you can display the navigation screen while using the audio function. Pressing the [MAP] key again returns the display to the audio screen.

Display Contents

Radio Broadcast Information Screen





1. Source plate

Displays the name of the currently selected source, preset channel number, and reception frequency.

2. FM1, FM2

Allows you to register your favourite 6 stations for each band.

3. Text Info.

Displays the acquired radio text.

4. 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.

→"Register Your Favourite Broadcast Stations" (on page 105)

5. RDS Setting¹⁾

Allows you to set RDS Setting (p. 225).

6. Station List

Displays a list of the broadcast stations that can be received.

→"Search for Broadcast Stations from the Station List" (on page 106)

7. Scan

Allows you to search for stations that can be received.

→"Starting the Scan" (on page 105)

8. TP Standby

Allows you to set TP Standby to "ON" or "OFF".→"Listen to Traffic Messages" (on page 107)

9. TP End

Disables the reception of traffic messages.

10. Source

Displays the AV source screen.

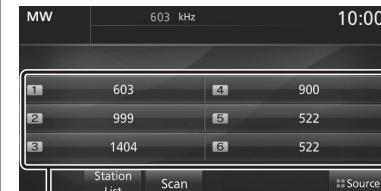
Register Your Favourite Broadcast Stations

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/ZOOM key to search for the "broadcast station" to register.

2 Touch and hold the "preset switch" to register to until you hear the "beep".



Preset switch

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.

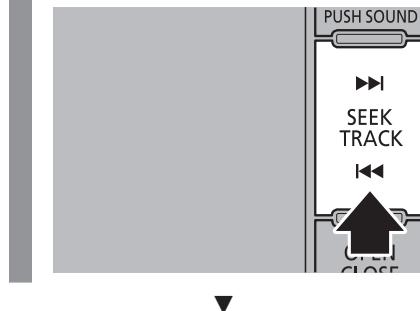
Starting the Seek

A receivable station can be searched one at a time.

¹⁾ This may not be displayed depending on the region.

Radio

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

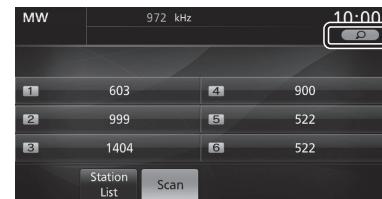


When a receivable station is found, it is played.

Starting the Scan

This searches for stations that can be received.

1 On the radio broadcast information screen, touch **Scan**.



When a station is received, this is played for 10 seconds, then the product searches for the next station.

Cancelling a Scan

1 During the scan, touch **SCAN** again.



The scan is cancelled.

Search for Broadcast Stations from the Station List

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

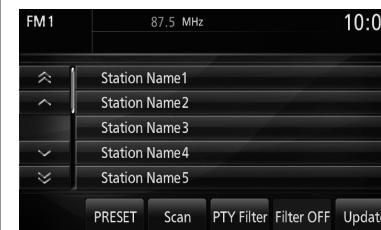
1 On the radio broadcast information screen, touch **Station List**.

The station list is displayed.

NOTE

- For 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 **Preset**.



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.

ADVICE

- The filtering is cancelled when [Filter OFF] on the station list is touched.

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.

Listen to Traffic Messages

When the broadcast of traffic messages starts, this automatically switches to the station that is broadcasting traffic messages.

1 On the FM radio broadcast information screen, touch **TP Standby**.

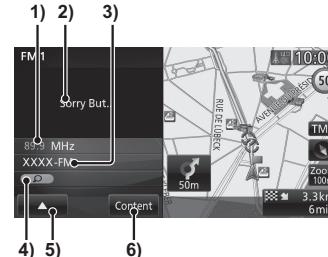
This sets TP Standby to “ON” and displays “TP” on the source plate. If traffic messages are being broadcast, these are received.

ADVICE

- When traffic messages are received, “TRAF INF” is displayed on the source plate.
- Touching [TP End] disables the reception of traffic messages.

Map+Info Display Screen

This section explains the screens displayed when selecting the [AV] (radio) in the P side P display information (p. 40).



1. Received frequency, preset channel

Displays the frequency being received and the preset channel number.

2. RadioText

Displays the acquired radio text.

3. Station name

Displays the station name being received.

4. SCAN mode display

Displayed during SCAN.

5. ▲

Touching this displays the submenu. (p. 36)

6. Content

Change the information displayed on the P side P sub-screen.

Radio

Equipment by type

Listen to DAB

1 Press the **RADIO** key.

The radio screen is displayed.
When Audio is ON, each time the key is pressed, the radio source changes.

2 Touch **Source**.

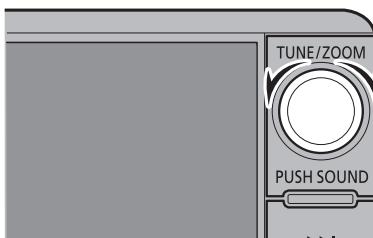
This displays the AV Source.

3 Touch **DAB**.



▼
This displays DAB broadcast information screen.

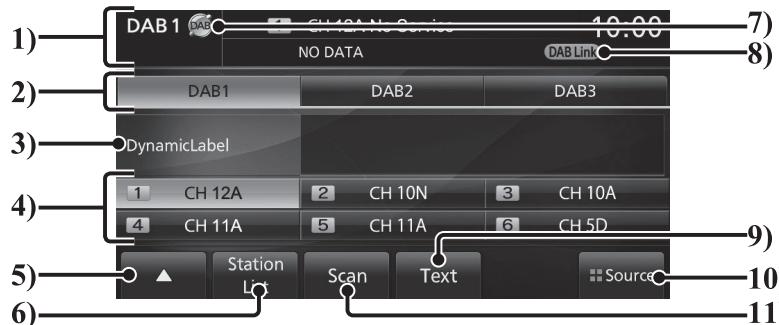
4 Turn the **TUNE/ZOOM** key to select a station.



▼
The selected station is played.

Display 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. Dynamic Label**
Displays the dynamic label information being received.
- 4. 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.
→"Register Your Favourite Broadcast Stations" (on page 110)
- 5. ▲**
Touching it displays the sub-menu. The [DAB Setting] (p. 225) can be set.
- 6. Station List**
Displays a list of the broadcast stations that can be received.
→"Search for Broadcast Stations from the Station List" (on page 111)
- 7. DAB link icon**
Displayed while the DAB link function is operating.
- 8. 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.
- 9. Text**
Switches between the first page and the second page of dynamic label information.
- 10. Source**
Displays the AV source screen.
- 11. SCAN**
Allows you to search for stations that can be received. →"Starting the Scan" (on page 110)

Radio

Search for Your Favourite Broadcast Stations

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/Tune

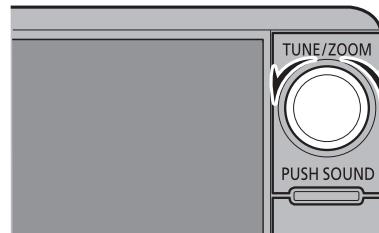
A receivable station can be searched one at a time.

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/ZOOM** key to select a station.



▼
The service at the selected frequency is played.

ADVICE

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

Starting the Scan

This searches for stations that can be received.

1 On the DAB broadcast information screen, touch **Scan**.



When a station is received, this is played for 10 seconds, then the product searches for the next station.

ADVICE

- Scans are performed by service instead of by ensemble.

Cancelling a Scan

1 During the scan, touch **SCAN** again.

▼
The scan is cancelled.

Register Your Favourite Broadcast Stations

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

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



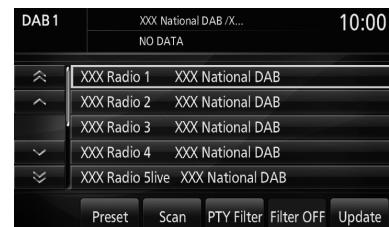
Preset switch

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



▼ Reception of the selected broadcast station starts.

- 3 Touch **Preset**.

▼ The display returns to the DAB broadcast information screen.

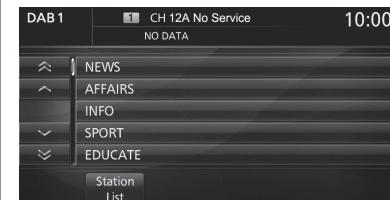
Narrowing Down the Station List

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.

ADVICE

- The filtering is cancelled when [Filter OFF] on the station list is touched.

Updating the Station List

You can manually update the station list.

- 1 On the station list, touch **Update**.

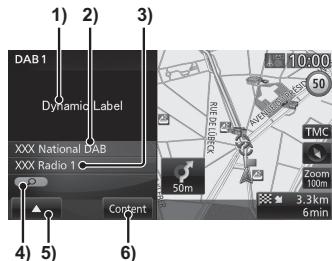
Updating starts.

▼ The updated station list is displayed.

Radio

Map+Info Display Screen

This section explains the screens displayed when selecting [AV] (DAB) in the Map+Info display information (p. 40).



1. Dynamic Label

Displays the dynamic label information being received.

2. Ensemble name, preset channel

Displays the name of the ensemble being received and the preset channel number.

3. Service name

Displays the name of the service being received.

4. SCAN mode display

Displayed during SCAN.

5. ▲

Touching this displays the submenu. (p. 36)

6. Content

Change the information displayed on the Map+Info sub-screen.

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 90)

NOTE

- Operate with an audio CD loaded into this product.

1 Press the **MEDIA** key.

The media last played is resumed. When Audio is ON, each time the key is pressed, the media source changes and the media playback screen is displayed.

2 Touch **Source**.

This displays the AV Source.

3 Touch **CD**.

The audio CD playback information screen is displayed.

4 Press the **◀◀ SEEK TRACK** key or **SEEK TRACK ▶▶** key to select the track.

The selected track is played back.

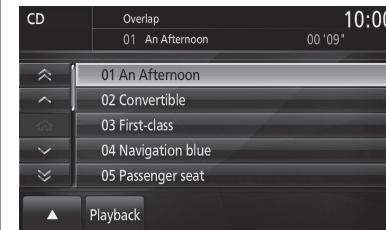
ADVICE

- When the [MEDIA] key is pressed with no media available to play, the AV-Source screen is displayed.
- You can fast forward or rewind the track being played by holding down the **◀◀ SEEK TRACK** key or **SEEK TRACK ▶▶** key.
- By pressing the [MAP] key, you can display the navigation screen while using the audio function. Pressing the [MAP] key again returns the display to the audio screen.

Display a List

You can display a track list.

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



A track list is displayed.

2 Touch **Playback**.

The display returns to the audio CD playback information screen.

ADVICE

- You can scroll the list by touching **◀** **▶** or **◀◀** **▶▶**.

DISC

Display Contents

Playback Information Screen



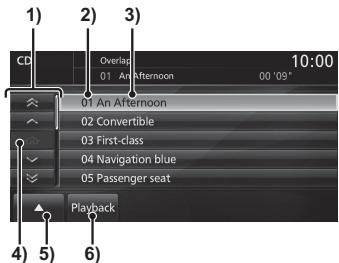
- 1. Source plate**
Displays the name of the currently selected source and the playback mode.
- 2. Album name**
If there is title information, displays the album name. If there is no title information, displays "NO TITLE".
- 3. Track number/name**
If there is title information, displays the track name.
If there is title information, displays "Track + track number".
- 4. Artist name**
If there is title information, displays the artist name. If there is no title information, displays "NO NAME".
- 5. ▲**
Displays a sub-menu to change the playback mode.
→"Switch Playback Mode" (on page 116)

- 6. Playback mode display**
Displays the current playback mode.
→"Switch Playback Mode" (on page 116)

	: Repeat play
	: Scan play
	: Random play

- 7. Playback time**
- 8. List**
Displays a track list.
→"Display a List" (on page 113)
- 9. Source**
Displays the AV source screen.

Lists



- 1. Cursor switch**
Allows you to select a track.

- 2. Track number**
3. Track name

Displays the track name.
If the track name information is blank, displays "Track + track number".

- 4. Home icon**
Touching this moves the cursor to the song being played.
- 5. ▲**
Displays a sub-menu to change the playback mode.
→ "Switch Playback Mode" (on page 116)
- 6. Playback**
Returns to the audio CD playback information screen.

DISC

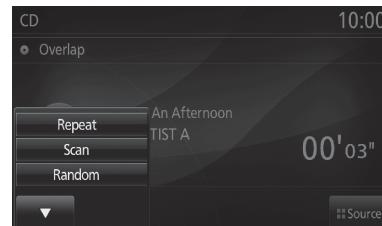
Switch Playback Mode

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

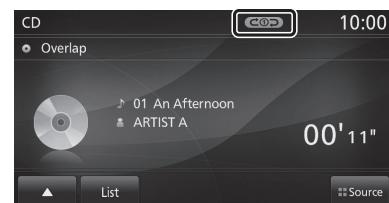
1 On the audio CD playback information screen, touch .

This displays the sub-menu.

2 Touch the “mode” to change to.



3 Touch .



Playback in the selected mode starts.

ADVICE

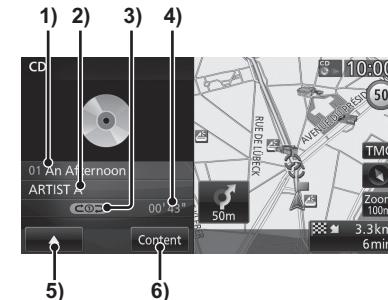
- To cancel the selected playback mode, touch the playback mode selected in Step 2 again.

Play Mode

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.

Map+Info Display Screen

This section explains the screens displayed when selecting the [AVI] (CD) in the Map+Info display information (p.40).



1. Track number/name

If there is title information, displays the track name. If there is title information, displays “Track + track number”.

2. Artist name

If there is title information, displays the artist name. If there is no title information, displays “NO NAME”.

3. Playback mode display

Displays the current playback mode.



: Repeat play



: Scan play



: Random play

4. Playback time

5. Touching this displays the submenu. (p. 36)
6. **Content**
Change the information displayed on the Map+Info sub-screen.

Listen 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 90)

NOTE

- Operate with an audio file disc loaded into this product.
- WAV files recorded on CD-ROMs cannot be played.

1 Press the **MEDIA** key.

The media last played is resumed. When Audio is ON, each time the key is pressed, the media source changes and the media playback screen is displayed.

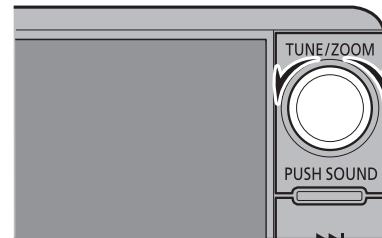
2 Touch **Source**.

This displays the AV Source.

3 Touch **CD**.

The audio file playback information screen is displayed.

4 Turn the **TUNE/ZOOM** key to select the folder.



5 Press the **◀ SEEK TRACK** key or **SEEK TRACK ▶** key to select the track.

The selected track is played back.

ADVICE

- When the [MEDIA] key is pressed with no media available to play, the AV-Source screen is displayed.
- You can fast forward or rewind the track being played by holding down the **◀ SEEK TRACK** key or **SEEK TRACK ▶** key.

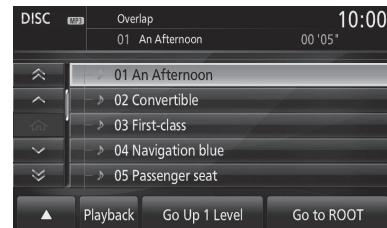
ADVICE

- By pressing the [MAP] key, you can display the navigation screen while using the audio function. Pressing the [MAP] key again returns the display to the audio screen.

Display 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 **List**.



This displays the display list.

2 Touch **Playback**.

The display returns to the audio file playback information screen.

DISC

ADVICE

- Touching [ROOT] expands the folders.
- You can scroll the list by touching   or  .

Display Contents

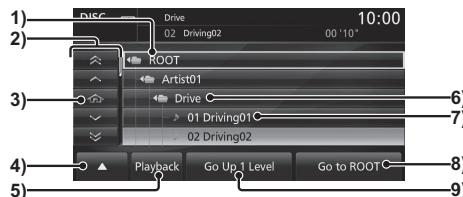
Playback Information Screen



1. **Source plate**
Displays the name of the currently selected source and the playback mode.
2. **Album name**
If there is an album name in the title information, displays it.
3. **Track number/name**
If there is a song name in the title information, displays it. If there is no title information, displays the file name.
4. **Artist name**
If there is an artist name in the title information, displays it.
5. Displays a sub-menu to change the playback mode.
→ "Switch Playback Mode" (on page 121)
6. **Playback mode display**
Displays the current playback mode.
→ "Switch Playback Mode" (on page 121)
- 7) : Repeat play
 : Folder repeat play
 : Scan play
 : Folder scan play
 : Random play
 : All random play
8. **List**
Displays a folder list.
→ "Lists" (on page 119)
9. **Source**
Displays the AV source screen.

DISC

Lists



1. ROOT

Shows the topmost level.

2. Cursor switch

Allows you to select a folder and file.

3. Home icon

Touching this moves the cursor to the song being played.

4. ▲

Displays a sub-menu to change the playback mode.
→ "Switch Playback Mode" (on page 121)

5. Playback

Returns to the audio file playback information screen.

6. Folder name

Touching this expands the folder.

7. File name

Touching this starts playback of the track.

8. Go to ROOT

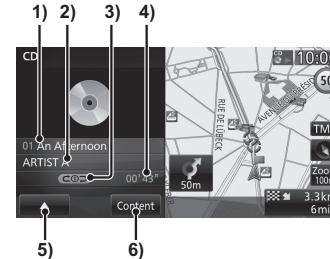
The list display moves to the topmost level and collapses all folders in the view.

9. Go Up 1 Level

Moves up one level.

Map+Info Display Screen

This section explains the screens displayed when selecting the [AV] (DISC) in the Map +Info display information (p.40).



1. Track number/name

If there is a song name in the title information, displays it. If there is no title information, displays the file name.

2. Artist name

If there is an artist name in the title information, displays it.

3. Playback mode display

Displays the current playback mode.



: Repeat play



: Folder repeat play



: Scan play



: Folder scan play



: Random play



: All random play

4. Playback time

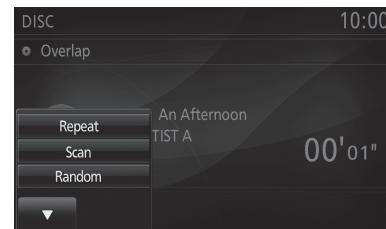
Switch Playback Mode

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

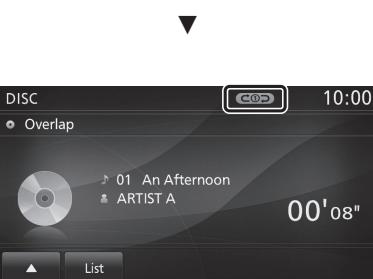
1 On the audio file playback information screen or on the list display, touch .

This displays the sub-menu.

2 Touch the "mode" to change to.



3 Touch .



Playback in the selected mode starts.

Play Mode

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.

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.

DISC

5.  Touching this displays the submenu.
(p. 36)
6.  Change the information displayed on the Map+Info sub-screen.

iPod/USB/SD

Equipment by type

Play 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 the devices are handled, audio files being damaged or lost, therefore it is recommended that data be backed up.

NOTE

- This function can only be used in vehicles that have a USB port.
- Please refer to your vehicle's user manual regarding how to connect the iPod/iPhone.

NOTE

- For information regarding details such as types of iPod/iPhone that can be connected to and types of files that can be played back, if your car is equipped with a Bluetooth® 2.0 interface, refer to the vehicle's user manual; if your car is not equipped with a Bluetooth® 2.0 interface, refer to this manual (p. 07). Also, sometimes playback as explained in this document may not be possible.
- Updating your software sometimes changes the functions that can be used connected with this product.
- Operate the iPod/iPhone while connected to this product.
- Depending on the generation, model, or software version of the iPod/iPhone, playback on this product may not be possible. (p. 07). Additionally, playback as explained in this document may not be possible.
- If the iPod/iPhone is connected via Bluetooth as a Bluetooth-capable audio device, then do not connect the iPod/iPhone using an iPod connection 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.

NOTE

- This product does not support video playback.
- When connecting an iPod/iPhone, use the connection cable included in the iPod/iPhone.
- 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.
- 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.

AV

iPod/USB/SD

iPod/USB/SD

1 Press the **MEDIA** key.

The media last played is resumed. When Audio is ON, each time the key is pressed, the media source changes and the media playback screen is displayed.

2 Touch **Source**.

This displays the AV Source.

3 Touch **iPod**.

The iPod playback information screen is displayed.

4 Press the **◀◀ SEEK TRACK** key or **SEEK TRACK ▶▶** key to select the track.

The selected track is played back.

ADVICE

- When the [MEDIA] key is pressed with no media available to play, the AV-Source screen is displayed.
- You can fast forward or rewind the track being played by holding down the **◀◀ SEEK TRACK** key or **SEEK TRACK ▶▶** key.

ADVICE

- By pressing the [MAP] key, you can display the navigation screen while using the audio function. Pressing the [MAP] key again returns the display to the audio screen.

Switch Playback Mode

Repeat playback, random playback, etc. are possible.

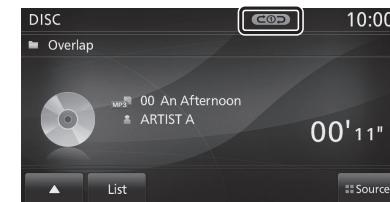
1 On the iPod playback information screen, touch .

This displays the sub-menu.

2 Touch the "mode" to change to.



3 Touch .



Playback in the selected mode starts.

Play Mode

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.

Random

Each time this is touched, the mode switches in the order "Random", "Album random", and "Cancel".

Random: Play tracks on the current level in a random order.

Album random: Play all the albums on the current level in a random order. However, the order within albums is not changed.

iPod/USB/SD

Database	For vehicles equipped with a Bluetooth® 2.0 interface, the Gracenote version can be checked.
-----------------	--

ADVICE

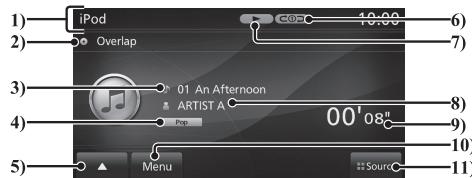
- During repeat play, even if random or album random play is started, repeat play continues.

AV

iPod/USB/SD

Display Contents

iPod Playback Information Screen



1. Source plate

If there is an artist name in the title information, displays it.

2. Album name

If there is an album name in the title information, displays it.

3. Track number/name

If there is a song name in the title information, displays it.

4. Genre name

If there is genre information in the title information, displays the genre name for the track being played back.

5. ▲

Displays a sub-menu to change the playback mode.
→ "Switch Playback Mode" (on page 124)

6. Playback mode display

Displays the current playback mode.
→ "Switch Playback Mode" (on page 124)



: Single repeat play



: Shuffle play



: Album shuffle play



: Single repeat/Shuffle play



: Single repeat/Album shuffle play

7. Status icon



: Play



: Pause



: Stop



: Fast-forward



: Rewind

8. Artist name

If there is an artist name in the title information, displays it.

9. Playback time

iPod/USB/SD

- 10. **Menu**
Displays the iPod menu.
→ “iPod Menu” (on page 126)
- 11. **Source**
Displays the AV source screen.

AV

iPod/USB/SD

iPod/USB/SD

iPod Menu

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



Category menu	Displays the list of categories. →“Search by List” (on page 128)
Playback	Returns to the playback information screen. →“iPod Playback Information Screen” (on page 126)
	Displays a submenu and changes the playback mode. →“Switch Playback Mode” (on page 124)

Search by List

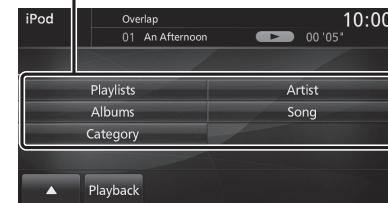
Touching a category on the iPod menu (p. 126) displays a list of the categories. By touching the list, you can check album names and track names while searching for the tracks you want.

1 On the iPod playback information screen, touch **Menu**.

The iPod menu is displayed.

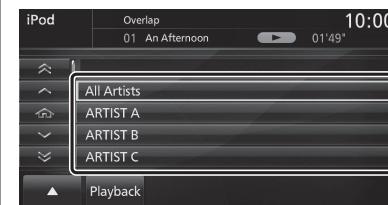
2 Touch “category”.

Categorymenu



A list of the selected category is displayed.

3 Touch the “item” to play from the list.



This displays a list of the selected item. Repeat Step 3 to search for songs (tracks). When you touch the song (track) to play from the list, playback starts.

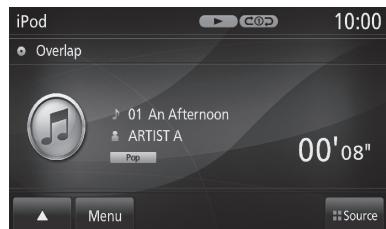
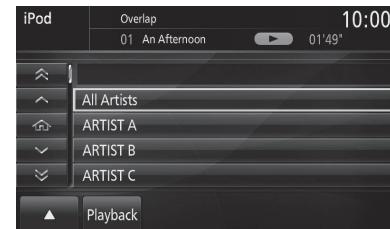
ADVICE

- 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.

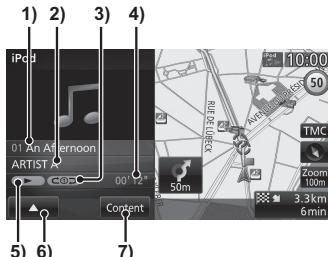
When a list is displayed, the iPod playback information screen for the track currently being played can be displayed.

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



Map+Info Display Screen

This section explains the screens displayed when selecting the [AV] (iPod) in the Map+Info display information (p.40).



1. **Track number/name**
If there is a song name in the title information, displays it.
2. **Artist name**
If there is an artist name in the title information, displays it.
3. **Playback mode display**
Displays the current playback mode.

	: Single repeat play
	: Shuffle play
	: Album shuffle play
	: Single repeat/Shuffle play
	: Single repeat/Album shuffle play

4. **Playback time**

5. Status icon

	: Play
	: Pause
	: Stop
	: Fast-forward
	: Rewind

6. Touching this displays the submenu. (p. 36)

7. **Content**
Change the information displayed on the Map+Info sub-screen.

Equipment by type

Listen to Audio Files on a USB Device/SD Card

By connecting commercially-available USB devices such as USB memory to this product, you can play back audio files on these through the product. By loading an audio SD card into the user slot, you can play back audio files recorded onto the SD card through the product.

CAUTION

- Never hold the USB device or SD card in your hand to operate while driving, as this is dangerous.
- Do not leave the USB device/SD card unattended in the car.

iPod/USB/SD

⚠ CAUTION

- 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.
- No indemnification for USB device or audio SD card data loss will be possible.
- Depending on how the devices are handled, audio files being damaged or lost, therefore it is recommended that data be backed up.

NOTE

- The recommended file system for USB memory and SD cards is FAT32.
- The maximum supported capacity for USB memory or an SD card is 32GB (SDHC standard supported).
- Operate the USB device containing recorded audio files while connected to this product or the SD card containing audio files while inserted into this product.
- This manual refers to SD cards inserted into the user slot as "audio SD cards".
- When connecting a USB device, use a commercially-available connection cable. Failure to use a connection cable when connecting may place undue load on, or damage the USB connector.
- Set up the device in order that no unsafe actions, such as plugging in the connection cable are taken while driving.
- When inserting or removing a USB device or an SD card, for safety's sake first stop the car.
- 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 or SD card, 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.

NOTE

- Data containing copyright information may not play back.
- USB device/SD card specifications and settings may mean that connection is not possible, or result in differences in operation or display.
- Depending on audio data in the USB device or on the SD card, 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.

1 Press the **MEDIA key.**

The media last played is resumed.
When Audio is ON, each time the key is pressed, the media source changes and the media playback screen is displayed.

2 Touch **Source.**

This displays the AV Source.

3 Touch **USB or **SD**.**

The playback information screen is displayed.

NOTE

- USB devices can be used in vehicles that have a USB port.
- For information regarding details such as types of USB devices, usage of USB input ports, and types of files that can be played back, if your car is equipped with a Bluetooth® 2.0 interface, refer to the vehicle's user manual; if your car is not equipped with a Bluetooth® 2.0 interface, refer to this manual.
- Please refer to your vehicle's user manual regarding how to connect USB devices.
- Depending on the type of USB device or SD card, usage may not be possible or the functions that can be used may be restricted.

4 Turn the **TUNE/ZOOM** key to select the folder.



5 Press the **◀◀ SEEK TRACK** key or **SEEK TRACK ▶▶** key to select the track.

The selected track is played back.

ADVICE

- When the [MEDIA] key is pressed with no media available to play, the AV-Source screen is displayed.
- You can fast forward or rewind the track being played by holding down the **◀◀ SEEK TRACK** key or **SEEK TRACK ▶▶** key.
- By pressing the [MAP] key, you can display the navigation screen while using the audio function. Pressing the [MAP] key again returns the display to the audio screen.

Switch Playback Mode

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

NOTE

- Depending on the situation, the details of playback modes such as [Playlist] ON/ OFF may differ. →"Display the Music Menu" (on page 136)
- With a USB device, the details of playback modes may differ depending on the vehicle equipment.

1 On the **USB device or SD card playback information screen or on the list display**, press .

This displays the sub-menu.

2 Touch the "mode" to change to.



3 Touch .



Playback in the selected mode starts.

Play Mode

Playlist OFF

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.

*: When USB device is connected, [Database] is displayed.

AV

iPod/USB/SD

iPod/USB/SD

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: Plays the first 10 seconds of the first track in each folder on the medium in order.	Random	Each time this is touched, the mode switches in the order "Random", "Album random", and "Cancel". Random: Plays tracks in the selected category in a random order. Album random: Plays tracks in the selected category by album in a random order. The track order within albums does not change.
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.		
Database *	For vehicles equipped with a Bluetooth® 2.0 interface, the Gracenote version can be checked.		

*: When USB device is connected, [Database] is displayed.

Playlist ON

Repeat	Each time this is touched, the mode switches in the order "Repeat", and "Cancel". Repeat: Repeat playback of the track currently being played.
---------------	--

Display Contents

Playback Information Screen

1. **Source plate**

Displays the name of the currently selected source and the playback mode.

2. **Album name**

If there is an album name in the title information, displays it. For the WAV format, the folder name is displayed.

3. **File format**

Displays the format of the audio file being played.

4. **Jacket** *1 *2 *3

If there is a jacket image in the title information, displays it.

5. **Genre name** *2

If there is genre information in the title information, displays the genre name for the track being played back.

6. **Channel mode**

If there is channel mode information in the title information, displays the following icons.

Stereo	: Stereo
Joint-St	: Joint stereo
Dual-Ch	: Dual channel
Monoral	: Monaural

7.

Displays a sub-menu to change the playback mode.
→"Switch Playback Mode" (on page 131)

*1 Audio files on SD card only

*2 WAV format is not supported.

*3 Displayable jacket images are in the JPEG format (maximum resolution: 320 vertical x 240 horizontal).

iPod/USB/SD

8. List

Displays a folder list.

→ "Folder List" (on page 136)

Also, when [Playlist] is ON, [Music Menu] is displayed. Touching this displays the music menu.

→ "Music Menu" (on page 136)

9. Playback mode display

Displays the current playback mode.

→ "Switch Playback Mode" (on page 131)



: Repeat play



: Folder repeat play



: Scan play



: Folder scan play



: Random play



: Random play*¹



: Album random play*¹



: All random play

*¹: Displayed when [Playlist] is ON.

10. Track number/name

If there is a song name in the title information, displays it. If there is no title information, displays the file name. For the WAV format, the file name is displayed.

11. Artist name^{*2}

If there is an artist name in the title information, displays it.

12. Playback time

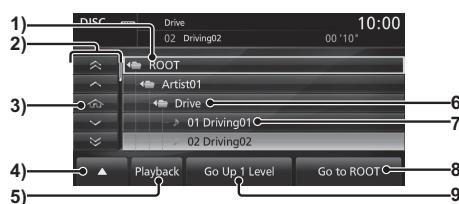
13. Playlist

When you touch this to switch it ON, [List] changes to [Music Menu] and the music menu can now be displayed.

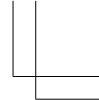
14. Source

Displays the AV source screen.

Folder List



*² WAV format is not supported.



iPod/USB/SD

1. **ROOT**
Shows the topmost level.
2. **Cursor switch**
Allows you to select a folder and file.
3. **Home icon**
Touching this moves the cursor to the song being played.
4. 
Displays a sub-menu to change the playback mode.
→"Switch Playback Mode" (on page 131)
5. **Playback**
Returns to the audio file playback information screen.
6. **Folder name**
Touching this expands the folder.
7. **File name**
Touching this starts playback of the track.
8. **Go to ROOT**
The list display moves to the topmost level and collapses all folders in the view.
9. **Go Up 1 Level**
Moves up one level.



AV



iPod/USB/SD

iPod/USB/SD

Display a List

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

1 On the USB device or SD card playback information screen, touch **[List]**.



This displays the display list.

2 Touch **[Playback]**.

The display returns to the USB device or SD card playback information screen.

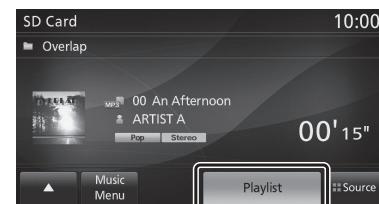
ADVICE

- Touching [ROOT] expands the folders.
- You can scroll the list by touching **[▲]** **[▼]** or **[◀]** **[▶]**.

Display the Music Menu

When the music menu is displayed, you can display a music list for each artist or album. With a USB device, [Playlist] may not be displayed depending on the vehicle equipment.

1 On the USB device or SD card playback information screen, touch **[Playlist]**.

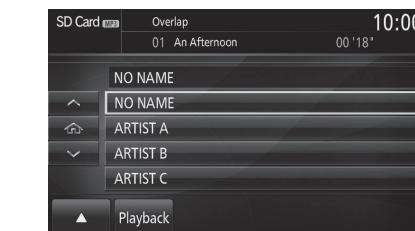
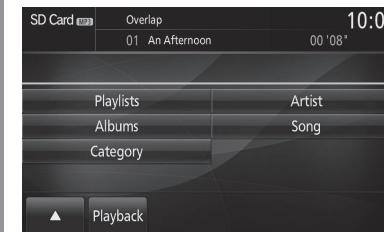


[Playlist] comes ON and [List] changes to [Music Menu].

2 Touch **[Music Menu]**.

The music menu is displayed.

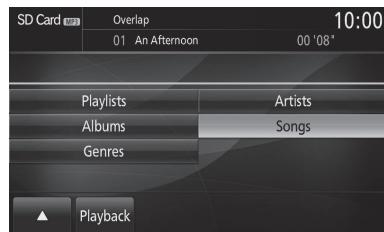
3 Touch any "category".



The list corresponding to the category item is displayed.

Music Menu

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



Playlists	Displays the Playlist list. A wpl file (playlist definition file) is required. Store the wpl file in the root level of the medium.* ¹
Artist	Displays the Artist list.
Albums	Displays the Albums list.
Song	Displays the Song list.
Genres	Displays the Genre list.

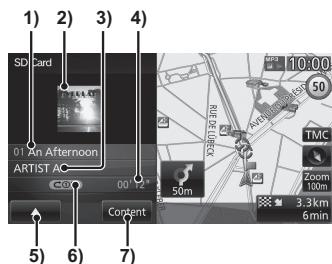
*¹: If the folder structure under the root level differs from the wpl file folder structure, the list cannot be recognised.
Folder Structure → p. 94

Playback	Returns to the playback information screen. Playback Information → p. 133
▲	Displays a submenu and changes the playback mode. Switch Playback Mode → p. 131

*¹: If the folder structure under the root level differs from the wpl file folder structure, the list cannot be recognised.
Folder Structure → p. 94

Map+Info Display Screen

This section explains the screens displayed when selecting the [AV] (USB/SD) in the Map+Info display information (p.40).



1. Track number/name

If there is a song name in the title information, displays it. If there is no title information, displays the file name.
For the WAV format, the file name is displayed.

2. Jacket^{*1, *2, *3}

If there is a jacket image in the title information, displays it.

3. Artist name^{*2}

If there is an artist name in the title information, displays it.

4. Playback time



Touching this displays the submenu. (p. 36)

6. Playback mode display

Displays the current playback mode.



: Repeat play



: Folder repeat play



: Scan play



: Folder scan play



: Random play



: Random play^{*4}



: Album random play^{*4}



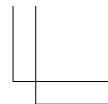
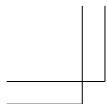
: All random play

7. Content

Change the information displayed on the Map+Info sub-screen.

*¹ Audio files on SD card only

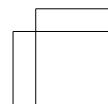
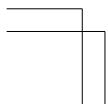
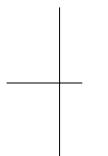
*² WAV format is not supported.



iPod/USB/SD

^{*3} Displayable jacket images are in the JPEG format (maximum resolution: 320 vertical x 240 horizontal).

^{*4} Displayed when [Playlist] is ON.



External Input Devices

Equipment by type

(Vehicles with a Bluetooth® 2.0 interface).

Use Bluetooth Audio

This product can play back tracks on commercially-available Bluetooth-capable audio devices.

⚠ CAUTION

- Never hold a Bluetooth-capable audio device in your hand to operate while driving, as this is dangerous.
- Do not leave the Bluetooth audio device unattended in the vehicle.
- No indemnification for Bluetooth audio data loss will be possible.
- Depending on how the devices are handled, audio files being 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.

NOTE

- 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.
→"Adjust Volume" (on page 89)
- 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.
- 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.

Function	A2DP
Audio output during playback	○

* Sampling rate: 16 kHz, 32 kHz, 44.1 kHz, 48 kHz

Function	AVRCP	
	v1.0	v1.3
Play/Stop/Pause operations	○	○
Fast forward/Rewind operations	○	○
Track selection operations	○	○
Group selection operations	✗	✗
Repeat/Random/Scan playback operations	✗	○
Playback status display	✗	○
Battery remaining capacity display	✗	○
Group list display	✗	✗
Select track from group list	✗	✗
Title display	✗	○

AV

External Input Devices

External Input Devices

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 216).

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 connection cable. Connection using both methods will result in erroneous operation.

Listen to a Bluetooth-capable Audio Device

1 Press the **MEDIA** key.

The media last played is resumed. When Audio is ON, each time the key is pressed, the media source changes and the media playback screen is displayed.

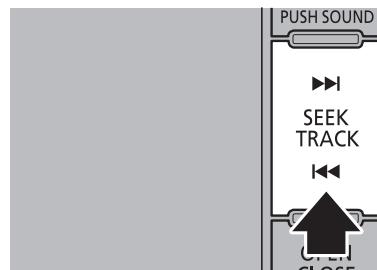
2 Touch **Source**.

This displays the AV Source.

3 Touch **Bluetooth Audio**.

The Bluetooth audio playback information screen is displayed.

4 Press the **◀◀ SEEK TRACK** key or **SEEK TRACK ▶▶** key to select the track.

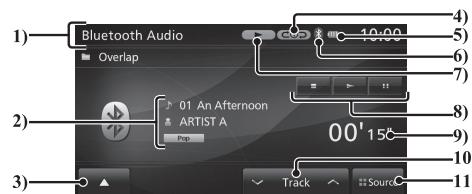


ADVICE

- When the [MEDIA] key is pressed with no media available to play, the AV-Source screen is displayed.
- You can fast forward or rewind the track being played by holding down the **◀◀ SEEK TRACK** key or **SEEK TRACK ▶▶** key.
- By pressing the [MAP] key, you can display the navigation screen while using the audio function. Pressing the [MAP] key again returns the display to the audio screen.

Display Contents

Playback Information Screen



1. Source plate

Displays the name of the currently selected source and the playback mode.

2. Track name/artist name/genre name ^{*1}

3. ▲ ^{*1}
Displays a sub-menu to change the playback mode.
→ "Switch Playback Mode" (on page 143)

4. Playback mode display ^{*1, *2}

	: Repeat play
	: Group repeat play
	: All repeat play
	: Scan play
	: Group scan play
	: Random play
	: Group random play
	: Repeat + Random play
	: Repeat + Group random play
	: Group repeat + Random play
	: Group repeat + Group random play
	: All repeat + Random play
	: All repeat + Group random play

^{*1} Not displayed when AVRCP is v1.0.

^{*2} Not displayed when information cannot be obtained.

External Input Devices

5. Battery remaining capacity display *1

Displays the amount of battery power remaining for the connected Bluetooth-capable audio device.

6. Bluetooth connection icon

7. Status icon *1



- : Play
- : Pause
- : Stop
- : Fast-forward
- : Rewind

8. [■], [▶], [■]

Allows you to stop, play, or pause.

9. Playback time *1

10. [▼TRACK ▲]

This is used when selecting a song. Continue touching for fast forward or rewind.

11. [Source]

Displays the AV source screen.

*1 Not displayed when AVRCP is v1.0.

External Input Devices

Switch 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 .

This displays the sub-menu.

2 Touch the “mode” to change to.



3 Touch .



Playback in the selected mode starts.

Play Mode

- * Depending on the type of Bluetooth-capable audio devices, the details of playback modes may differ.

Repeat

Each time this is touched, the mode switches in the order “Repeat”, “Group repeat”, “All repeat”, and “Cancel”.

Repeat: Repeat playback of the track currently being played.

Group repeat: Repeat playback of the tracks within the group currently being played.

All repeat: Repeat playback of all the tracks in the Bluetooth-capable audio device.

Scan

Each time this is touched, the mode switches in the order “Scan”, “Group scan”, and “Cancel”.

Scan: Play the first 10 seconds of each of the tracks in the group currently being played in order.

Group scan: Play the first 10 seconds of the first track in all the groups on the Bluetooth-capable audio device.

Random

Each time this is touched, the mode switches in the order “Random”, “Group random”, and “Cancel”.

Random: Play tracks in the group currently being played in a random order.

Group random: Select all the groups on the Bluetooth-capable audio device in a random order and play tracks within in group in order.

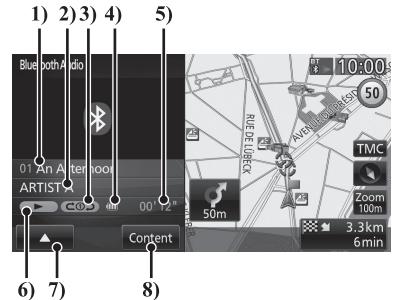
AV

External Input Devices

External Input Devices

Map+Info Display Screen

This section explains the screens displayed when selecting the [AV] (Bluetooth Audio) in the P side P display information (p. 40).



- 1. Track number/name** *1
If there is title information, displays the track name.
- 2. Artist name**
If there is title information, displays the artist name. If there is no title information, displays "NO NAME".

3. Playback mode display *1, *2

	: Repeat play
	: Group repeat play
	: All repeat play
	: Scan play
	: Group scan play
	: Random play
	: Group random play
	: Repeat + Random play
	: Repeat + Group random play
	: Group repeat + Random play
	: Group repeat + Group random play
	: All repeat + Random play
	: All repeat + Group random play

6. Status icon *1

	: Play
	: Pause
	: Stop
	: Fast-forward
	: Rewind

7. Touching this displays the submenu. (p. 36)

8. **Content**
Change the information displayed on the Map+Info sub-screen.

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

*2: Not displayed when information cannot be obtained.

Equipment by type

Use AUX

By connecting AUX devices to this product, you can input audio from these devices to the product and play it back.

⚠ CAUTION

- 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.

ADVICE

- Please refer to your vehicle's user manual regarding how to connect AUX devices.

Outputting Audio**1 Press the **MEDIA** key.**

The media last played is resumed.
When Audio is ON, each time the key is pressed, the media source changes and the media playback screen is displayed.

2 Touch **Source.**

This displays the AV Source.

3 Touch **AUX**

This outputs the audio from the AUX device.

AV

External Input Devices

INFO/SETTINGS

INFO

Calendar

This displays the calendar. You can check and set special days and anniversaries.

Displaying

1 Press the **INFO/SET** key.

This displays the Information menu.

2 Touch **Calendar**.

ADVICE

- Icons are displayed for days set as special days or anniversaries.
- If one day is set as both a special day and an anniversary, the special day icon has priority.



This displays the calendar.

Display Contents



1. **Year and month of the calendar displayed**
2. **Month change**
Touching this displays the calendar for the previous month or the next month.
3. **Year change**
Touching this displays the calendar for the previous year or the next year.
4. **Special Day** (p. 148)
Displays a list of the special days set and allows you to edit them.

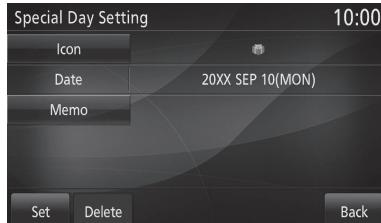
5. **Anniversary** (p. 149)
Displays a list of the anniversaries set.
6. **Current year, month, and day**
7. **Calendar**
Today is displayed with light blue. When you touch a day, you can set it as a special day.
→"Setting Special Days" (on page 148)
8. **Back**
Touching this returns the display to the info menu (p. 26).

INFO

Setting Special Days

This sets a new special day. Up to 200 special days can be set.

1 Touch the day on the calendar that you want to set as a special day.



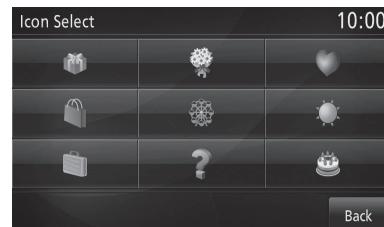
This displays the special day setting screen.

ADVICE

- Touching a day that has already been set as a special day allows you to edit it.
- You cannot set a special day in the past.

2 Touch **Icon**.

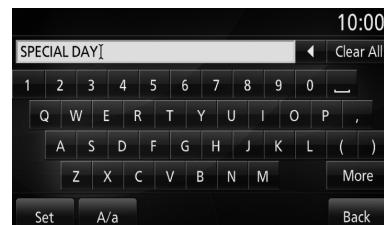
3 Touch any "icon".



4 Touch **Memo**.

5 Input a name for the special day, then touch **Set**.

→ "How to Input Characters" (on page 18)



6 Touch **Set**.

The special day setting is complete.

NOTE

- Three days after a special day, it is automatically deleted.

Editing Special Days

This edits a special day that has already been set.

1 While the calendar is displayed, touch **Special Day**.

This displays a list of the set special days.

2 Touch the special day to edit.



This displays the special day setting screen. The rest of the procedure is the same as from Step 2 onward in "Setting Special Days" (on page 148).

Deleting Special Days

This deletes a special day that has already been set.

1 While the calendar is displayed, touch **Special Day.**

This displays a list of the set special days.

2 Touch the special day to delete.



3 Touch **Delete.**

4 Touch **Delete.**

The special day deletion is complete.

Setting Anniversaries

This sets a new anniversary. Up to 20 anniversaries can be set.

1 While the calendar is displayed, touch **Anniversary.**

This displays the anniversary list.

2 Touch **New Event.**

This displays the anniversary setting screen.

ADVICE

- You can set multiple anniversaries for the same day.
- When multiple anniversaries are set on the same day, the icon for the last one set has priority for display.

3 Touch **Icon.**

4 Touch any "icon".



5 Touch **Date.**

6 Touch **▲ or **▼**, then input the "month" and the "day", then touch **Enter**.**



7 Touch **Memo.**

INFO

8 Input a name for the anniversary, then touch **Set**.

→“How to Input Characters” (on page 18)



9 Touch **Set**.

The anniversary setting is complete.

Editing Anniversaries

This edits an anniversary that has already been set.

1 While the calendar is displayed, touch **Anniversary**.

This displays the list of set anniversaries.

2 Touch the anniversary to edit.



This displays the anniversary setting screen. The rest of the procedure is the same as from Step 3 onward in “Setting Anniversaries” (on page 149).

Deleting Anniversaries

1 While the calendar is displayed, touch **Anniversary**.

This displays the list of set anniversaries.

2 Touch the anniversary to delete.



3 Touch **Delete**.

4 Touch **Delete**.

The anniversary deletion is complete.

User SD

If the audio SD card is inserted in this device, you can check the SD card capacity and space available. You can also perform various information updates.

Displaying

1 Press the **INFO/SET** key.

This displays the Information menu.

2 Touch **User SD**.

If this is not displayed, touch **>>**.



This displays the User SD information screen. You can check the SD card capacity and available space.

ADVICE

- Information can be updated by touching a menu item.

Information that can be updated

Update map database

If the audio SD card used to copy the version update data is inserted in this product, this product can be updated to the next version. For details, refer to "Update the Map Database" (on page 152).

*1: This function is only for electric vehicles.

Update charge station^{*1}

Touching [Update charge station] allows you to perform an incremental update of recharge point data. For more information on how to retrieve incremental data for updates, refer to "Update Charging Points Information" (on page 151).

*1: This function is only for electric vehicles.

Update Charging Points Information

You can perform an incremental update of the map database (update of the charge point information) with an SD card.

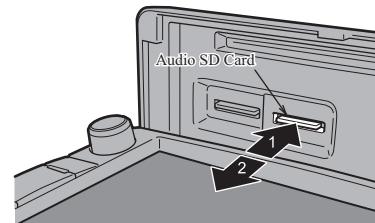
Incrementally Update with an SD card

Obtain map data from your home computer over the Internet.

Obtaining Differential Data

1 Take the audio SD card out of this product.

(Only if there is an audio SD card in this product)



→ "Remove the SD Card" (on page 17)

2 Obtain the map data you need from your home computer.

Download the map data from the MITSUBISHI MOTORS homepage. (<http://www.mitsubishi-motors.com/en/>)

3 The downloaded file is compressed. Extract the database from it.

The files in the compressed ZIP file must be extracted.

INFO

4 Copy all the extracted files onto the audio SD card.

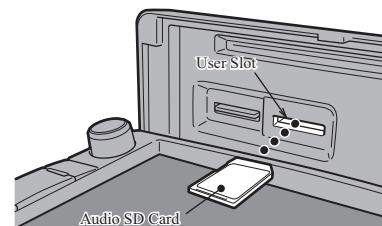
Check the size of the extracted files and use an SD card with enough capacity.

NOTE

- Extract downloaded data and then remove the downloaded data from the folder. Copy the removed data to the first root of an SD card. If a folder containing downloaded data is copied to an SD card, update is not performed.
- For updating Differential Data, refer to "Updating the Map Data for This Product" (on page 152).

Updating the Map Data for This Product

1 Insert the audio SD card onto which you copied the extracted files into this product.



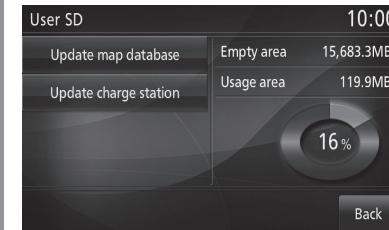
→ "Insert an SD Card" (on page 16)

2 Press the **INFO/SET** key.

This displays the Information menu.

3 Touch **User SD**.

4 Touch **Update charge station**.



5 Check the version, then touch **Update**.

▼
The updating from the audio SD card is complete.

Update the Map Database

You can perform an update of the map database with an SD card.

NOTE

- For an EU system, you can update the Map Database using the map update kit. You can complete the purchase of the map update kit on the map update kit purchase site in the MITSUBISHI MOTORS homepage (<http://www.mitsubishi-motors.com/en/>).
- For details, please consult your MITSUBISHI MOTORS Dealer.

Equipment by type

(Vehicles with a Bluetooth® 2.0 interface).

Check the Voice Command Help

You can check the usage for voice control "Voice Control" (on page 21), a list of voice commands, etc.

1 Press the **INFO/SET** key or touch **Voice command help**.



Then, touch any menu item and check the operation method.

Equipment by type

**Check Trip Information
(Not for Plug-in Hybrid Vehicle)**

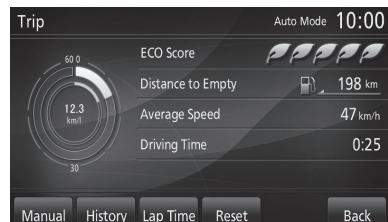
You can check and set trip information.

Displaying

1 Press the **INFO/SET** key.

This displays the Information menu.

2 Touch **Trip**.

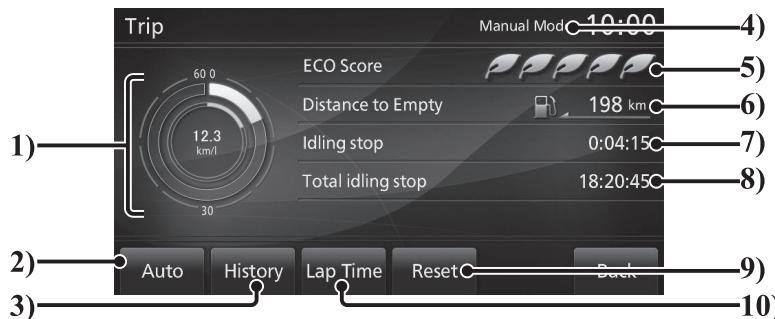


This displays the trip screen.

INFO

Display Contents

Type A



1. Fuel consumption graph

Allows you to check the average fuel consumption and the instantaneous fuel consumption.
→ "Fuel Consumption Graph" (on page 157)

2. Manual, Auto (p. 157)

Allows you to change the reset mode.

3. History (p. 157)

Allows you to check the fuel consumption and Eco score history.

4. Current reset mode (p. 153)

5. Eco score *1, *2

Displays the ECO driving level with the number of leaves.

6. Distance to Empty

Measures and displays the possible cruising distance based on the remaining fuel and recent average fuel consumption.

7. Idling stop *1, *3

8. Total idling stop *1, *3

9. Reset

Allows you to reset all trip information.

10. Lap Time (p. 153)

Allows you to measure the time, distance, vehicle speed, and fuel consumption.

*1 This is an equipment that only some vehicles have.

*2 Eco score is evaluated from when the engine starts until the engine stops. The score is different from the figure displayed on the vehicle meter.

*3 Time is not shown depend on a vehicle.



1. Fuel consumption graph

Allows you to check the average fuel consumption and the instantaneous fuel consumption.

→ "Fuel Consumption Graph" (on page 157)

2. Manual, Auto (p. 157)

Allows you to change the reset mode.

3. History (p. 157)

Allows you to check the fuel consumption and Eco score history.

4. Current reset mode (p. 153)

5. Eco score *1, *2

Displays the ECO driving level with the number of leaves.

6. Distance to Empty

Measures and displays the possible cruising distance based on the remaining fuel and recent average fuel consumption.

7. Average speed

Displays the latest average vehicle speed after each trip information is reset.

8. Driving Time

Displays the latest elapsed time after ACC is turned on.

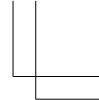
9. Reset

Allows you to reset all trip information.

10. Lap Time (p. 153)

Allows you to measure the time, distance, vehicle speed, and fuel consumption.

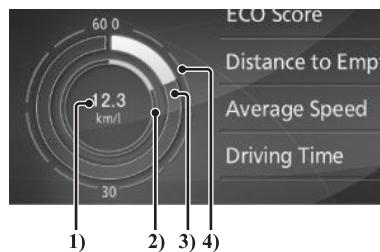
*1 This is an equipment that only some vehicles have.



INFO

*2 Eco score is evaluated from when the engine starts until the engine stops. The score is different from the figure displayed on the vehicle meter.

Fuel Consumption Graph

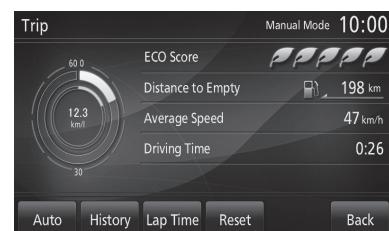
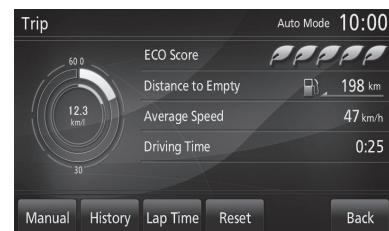


1. **Average fuel consumption**
2. **Average fuel consumption graph**
Displays the fuel consumption with 16 levels.
3. **Instantaneous fuel consumption graph**
Displays the fuel consumption with 16 levels.
4. **Scale**
Shows the scales of the average fuel consumption and instantaneous fuel consumption graphs. The values may vary depending on the units.

Unit	Value
km/l	0~60
l/100 km	0~20
mpg (US)	0~150
mpg (UK)	0~180

Changing the Reset Mode

- 1 On the trip screen, touch **Manual**.



This switches from auto mode to manual mode.

- 2 Touch **Auto**.

This switches from manual mode to auto mode.

Auto mode

The trip information will reset 4 hours after the engine switch is turned to "ACC" or "OFF".

Manual mode

The trip information is reset when [Reset] on the Trip screen is touched.

Reset Trip Information

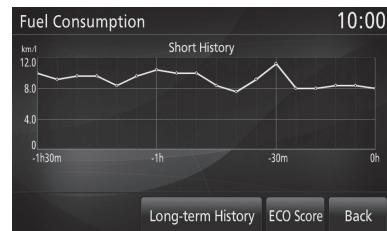
Idling stop vehicle	Average Fuel Economy Cumulative Idling Stop Time
Standard vehicle	Average Fuel Economy Average speed

Check the History

You can check the fuel consumption and Eco score history.*1

- 1 On the trip screen, touch **History**.

INFO



This displays the previously displayed history screen (with fuel consumption or Eco score history).

NOTE

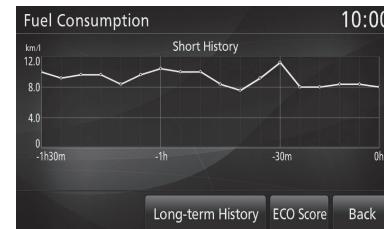
- On the eco score history screen, touching [Mileage History] displays the fuel consumption history screen.
- On the fuel consumption history screen, touching [ECO Score] displays the eco score history screen.
- Eco score history saves the figure displayed before the engine switch is turned off.

*¹ ECO score is an equipment that only some vehicles have.

Change the Fuel Consumption History Display

There is a long-term fuel consumption history and a short-term fuel consumption history.

1 On the fuel consumption history screen, touch **Long-term History**.

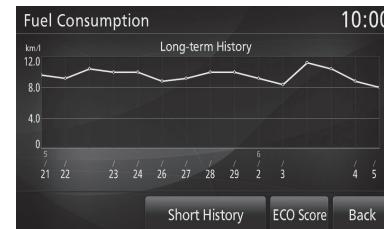


Lap Time

You can measure the time, distance, vehicle speed, and fuel consumption.

1 On the trip screen, touch **Lap Time**.

This displays the lap time screen.



The display switches from the fuel consumption (short-term) screen to the fuel consumption (long-term) screen.

2 Touch **Short History**.

The display switches from the fuel consumption (long-term) screen to the fuel consumption (short-term) screen.

2 Touch [Start].

Lap Time				
	Lap Time	km	km/h	km/l
→	0:00:00	0.0	---	---
A	---	---	---	---
B	---	---	---	---
C	---	---	---	---
D	---	---	---	---

Start Lap Reset Back

Lap Time				
	Lap Time	km	km/h	km/l
→	0:00:19	0.2	---	---
A	---	---	---	---
B	---	---	---	---
C	---	---	---	---
D	---	---	---	---

Stop Lap Reset Back

Measurement starts. At this time, the vehicle speed and fuel consumption are being measured, so they are not displayed.

3 Touch [Lap].

Lap Time				
	Lap Time	km	km/h	km/l
→	0:00:26	0.2	---	---
A	0:00:21	0.2	51	12.6
B	---	---	---	---
C	---	---	---	---
D	---	---	---	---

Stop Lap Reset Back

The current measurement results are recorded in "A".

4 Touch [Stop].

Lap Time				
	Lap Time	km	km/h	km/l
→	0:00:40	0.4	45	11.0
A	0:00:21	0.2	51	12.6
B	---	---	---	---
C	---	---	---	---
D	---	---	---	---

Start Lap Reset Back

The measurement is stopped and the measurement results are recorded in the totals list.

ADVICE

- In Step 3, if you touch [Lap] again, the measurement results in "A" are recorded in "B", and the previous measurement results are recorded in "A". In this way, each time you touch "Lap", the measurement results are moved down "A", "B", "C", and "D".
- After stopping in Step 4, if you touch [Start], measurement resumes.

NOTE

- During measurement, if you switch the engine switch to OFF, measurement is stopped. At this time, if you return the engine switch to ON, measurement resumes.

Delete Lap Times

This deletes the recorded measurement results.

INFO

1 On the lap time screen, touch **Reset**.

Lap Time				10:00
	Lap Time	km	km/h	km/l
→	0:00:40	0.4	45	11.0
A	0:00:21	0.2	51	12.6
B	---	---	---	---
C	---	---	---	---
D	---	---	---	---

Start Lap Reset Back

Lap Time				10:00
	Lap Time	km	km/h	km/l
→	0:00:00	0.0	---	---
A	---	---	---	---
B	---	---	---	---
C	---	---	---	---
D	---	---	---	---

Start Lap Reset Back

Deletion of the recorded measurement results is complete.

Equipment by type

Check Trip Information (Plug-in Hybrid Vehicle)

You can check and set trip information for a plug-in hybrid vehicle.

ADVICE

- You can also display this by touching [EV] and then [Energy Information] on the current location screen.
→ "Display the EV Menu" (on page 36)

Displaying

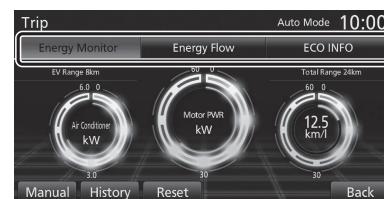
1 Press the **INFO/SET** key.

This displays the Information menu.

2 Touch **EV information**.

3 Touch **Energy information**.

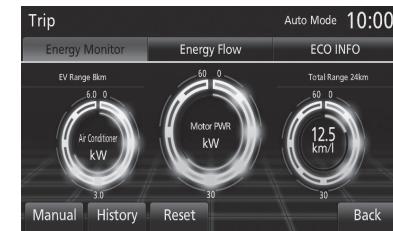
4 Touch the "Menu" item to check.



The energy information screen is displayed.

Menu Items

Energy Monitor



You can check the air conditioner power, motor power, fuel consumption, and possible cruising distance.

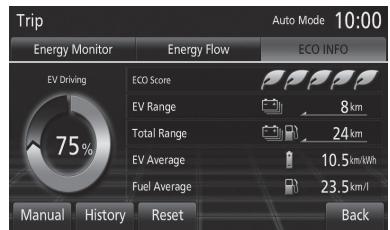
→ "Energy Monitor Screen" (on page 162)

Energy Flow



You can check the energy flow.
→ “Energy Flow Screen” (on page 164)

Eco Information

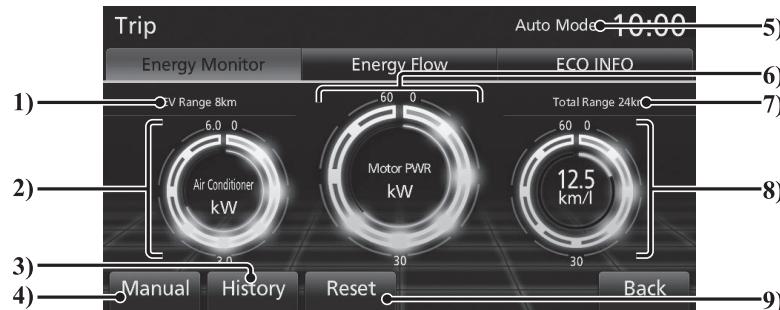


You can check the EV travel ratio, Eco score, average electricity consumption, average fuel consumption, and possible cruising distance, etc.
→ “Eco Information Screen” (on page 165)

INFO/SETTINGS
INFO

INFO

Energy Monitor Screen



1. EV cruising distance

Displays the distance you can travel with the remaining battery.

2. Air conditioner electrical power graph

Allows you to check the air conditioner electrical power consumption.

→ "Air Conditioner Electrical Power Graph" (on page 163)

3. History (p. 167)

Allows you to check the electrical power, electricity consumption, fuel consumption, and Eco score history

4. Manual, Auto (p. 157)

Allows you to switch the reset mode.

5. Current reset mode (p. 153)

6. Motor power graph

Allows you to check the motor electrical power consumption.

→ "Motor Electrical Power Graph" (on page 163)

7. Total cruising distance

Displays the distance you can travel with the remaining battery and fuel combined.

8. Fuel consumption graph

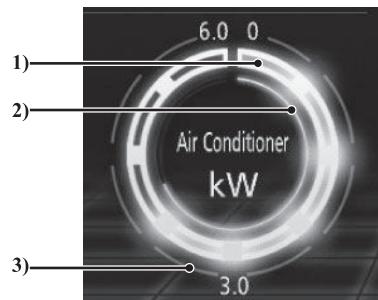
Allows you to check the average fuel consumption and instantaneous fuel consumption.

→ "Fuel consumption graph" (on page 163)

9. Reset

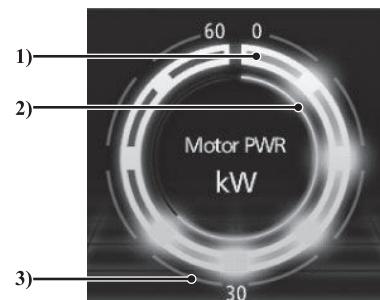
Allows you to reset all trip information.

Air Conditioner Electrical Power Graph



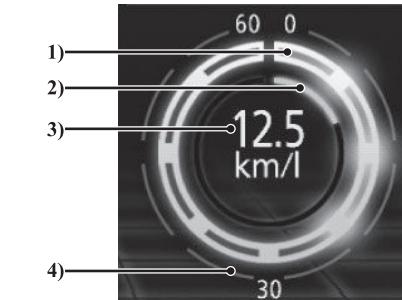
1. **Air conditioner power graph (outer circle)**
Displays in 8 levels. Each level corresponds to 0.75 kW.
2. **Air conditioner power graph (inner circle)**
Displays in 16 levels. Each level corresponds to 0.375 kW.
3. **Scale**
Each bar corresponds to 0.75 kW.

Motor Electrical Power Graph



1. **Motor power graph (outer circle)**
Displays in 8 levels. Each level corresponds to 7.5 kW.
Lights up green when less than 60 kW, orange when 60 kW or more, and blue during regenerative braking.
2. **Motor power graph (inner circle)**
Displays in 16 levels. Each level corresponds to 3.75 kW.
The graph colours change to the same colours as the outer circle graph.
3. **Scale**
Each bar corresponds to 7.5 kW.
When it reaches 60 kW or higher, the scale changes to 60 to 120 kW. During regenerative braking, the scale changes to -60 to 0 kW.

Fuel consumption graph



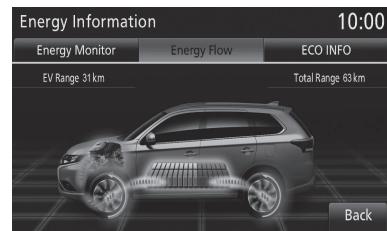
1. **Instantaneous fuel consumption graph**
Displays in 8 levels.
2. **Average fuel consumption graph**
Displays the fuel consumption with 16 levels.
3. **Average fuel consumption**
4. **Scale**
The values may vary depending on the units.

Unit	Value
km/l	0~60
l/100 km	0~20
mpg (US)	0~150
mpg (UK)	0~180

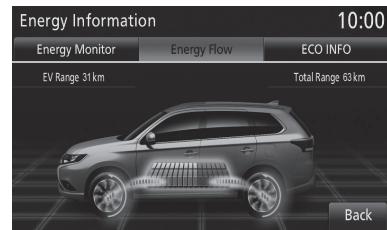
INFO

Energy Flow Screen

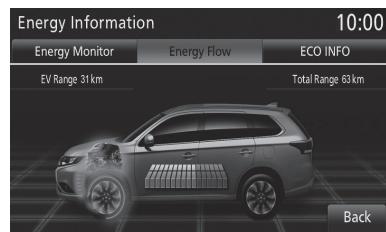
You can check the energy flow.



When travelling on electrical energy



When travelling on fuel only

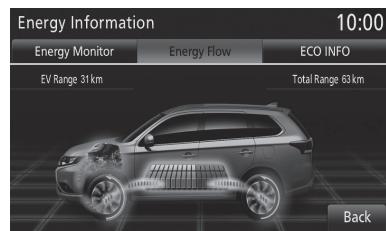


When charging from engine

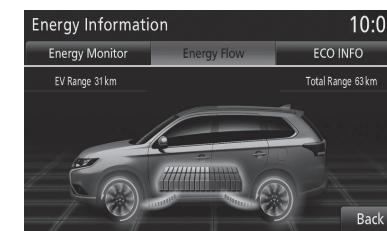


The engine area is orange.

When travelling on both electricity and fuel

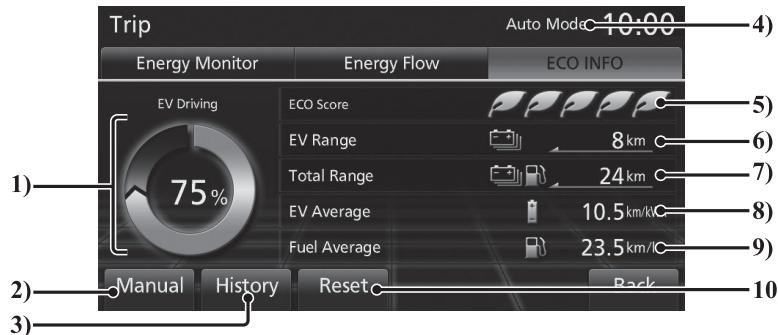


During regenerative braking



The engine area is orange.

Eco Information Screen

1. **EV travel ratio**

Displays the ratio of the time travelled on electricity and the time travelled on electricity and engine combined. The percentage of the time travelled on electricity is displayed with a bar graph (blue) and %. The EV travel ratio indicator is reset when the driving battery is fully charged. When it is reset, the EV travel ratio indicator shows 100%.

2. **Manual, Auto** (p. 157)

Allows you to switch the reset mode.

3. **History** (p. 167)

Allows you to check the electrical power, electricity consumption, fuel consumption, and Eco score history

4. **Current reset mode** (p. 153)5. **ECO Score** *1, *2

Displays the ECO driving level with the number of leaves.

6. **EV cruising distance**

Displays the distance you can travel^{*3} with the remaining battery.

7. **Total cruising distance**

Displays the distance you can travel with the remaining battery and fuel combined.

8. **Average electricity consumption**

Allows you to check the average electricity consumption calculated from when the trip information was reset until now (including consumption from air conditioning).

9. **Average fuel consumption**

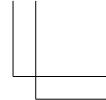
Allows you to check the average fuel consumption.

10. **Reset**

Allows you to reset all trip information.

*1 This is an equipment that only some vehicles have.

*2 Eco score is evaluated from when the engine starts until the power switch stops. The score is different from the figure displayed on the vehicle meter.



INFO

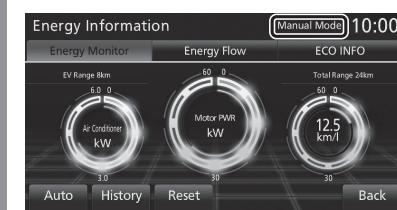
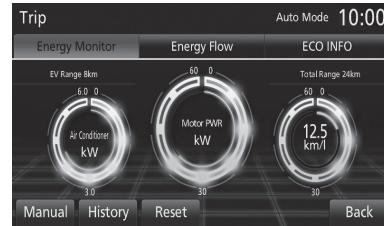
*3 When air conditioning is on, the screen displays the distance you can travel with air conditioning.

Switch the Reset Mode

You can switch the timing for resetting trip information.

1 Display the trip screen. (p. 153)

This displays the energy monitor (p. 160) or Eco information screen (p. 160).

2 Touch **Manual.**

This switches from auto mode to manual mode.

3 Touch **Auto.**

This switches from manual mode to auto mode.

Auto mode

The trip information will reset 4 hours after the power switch is turned to "ACC" or "OFF".

Manual mode

The trip information is reset when [Reset] on the Trip screen is touched.

NOTE

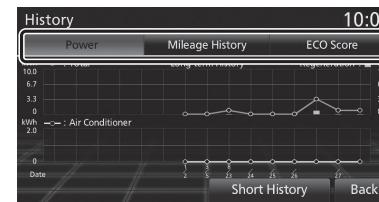
- This resets the average fuel consumption and average electricity consumption.

Check the History

You can check the fuel consumption, electricity consumption, power consumption, air conditioning power consumption, and Eco score history.

1 Display the trip screen. (p. 160)

This displays the energy monitor (p. 160) or Eco information screen (p. 160).

2 Touch **History.****3 Touch the "history" to check.**

This displays the previously displayed history screen (power consumption history, fuel/electricity consumption history or Eco score history).

NOTE

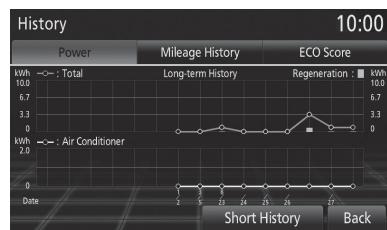
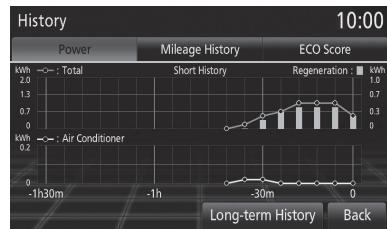
- The Eco score history records the value until just before the power is switched OFF.

Switching the History Display

There is a long-term history and a short-term history.

INFO

1 On the history screen, touch **Long-term History**.



This switches from the short-term history screen to the long-term history screen.

2 Touch **Short History**.

This switches from the long-term history screen to the short-term history screen.

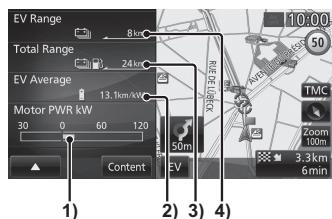
Map+Info Display Screen

This section explains the screens displayed when selecting [Trip] in the Map+Info display information (p. 40).

Functions only for electric vehicles

Check the Charging Cost

You can check the cost incurred for charging the battery.



1. Motor power

Displays the electrical power consumption. It lights up green when less than 60 kW and changes to orange when 60 kW or more.

During regenerative braking, the amount of power being charged turns to blue.

2. Average electricity consumption

Allows you to check the average electricity consumption.

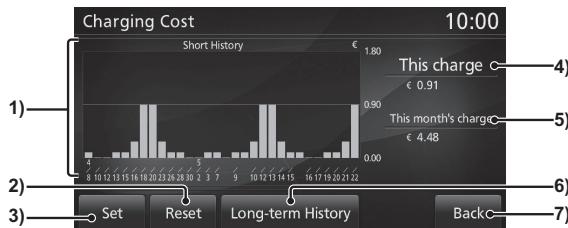
3. Total cruising distance

Displays the distance you can travel with the remaining battery and fuel combined.

4. EV cruising distance

Displays the distance you can travel with the remaining battery.

Display Contents



1. Cost history graph

Allows you to check the cost history on a graph.
 2. **Reset**
 Allows you to reset the charging cost information.
 → "Delete Charge Cost Information" (on page 171)
 3. **Set**
 Allows you to set the cost per kW.
 → "Set the Charge Cost" (on page 170)
 4. **Current charging**
 Displays the cost of the current charging.

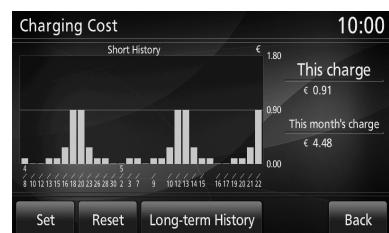
5. This month's charging

Displays the cost of charging for this month.
 6. **Long-term History**, **Short History**
 Allows to switch the history to long-term (monthly) or short term (per charge).
 → "Switch the Cost History Display" (on page 170)
 7. **Back**
 Touching this returns the display to the info menu (p. 26).

INFO

Displaying

- 1 Press the **INFO/SET** key.
This displays the Information menu.
- 2 Touch **[EV information]**.
- 3 Touch **[Charging cost]**.



This displays the charge cost.

ADVICE

- You can also display this by touching [EV] and then [Charge Cost] on the current location screen.
→ "Display the EV Menu" (on page 36)

Set the Charge Cost

You can set the cost per kW.

- 1 Display the charge cost screen.
(p. 170)

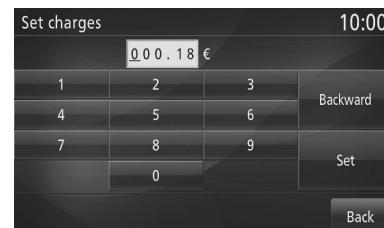
- 2 Touch **[Set]**.

- 3 Touch **▲** or **▼** to set the "units".

- 4 Touch "Cost".



- 5 Enter the "cost", then touch **[Set]**.



- 6 Touch **[Set]**.

The charge settings are complete.

Switch the Cost History Display

You can switch the charge cost history to longterm (monthly) or short term (per charge).

1 On the charge cost screen, touch **Long-term History**.



This switches from short-term history display to long-term history display.

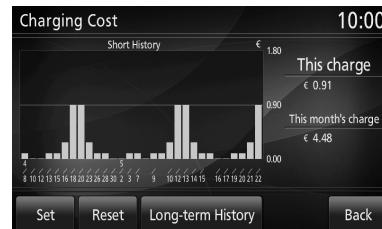
2 Touch **Short History**.

This switches from long-term history display to short-term history display.

Delete Charge Cost Information

You can delete the charge cost history and settings.

1 On the charge cost screen, touch **Reset**.



2 Touch **Yes**.

Deletion of the charge cost information is complete.

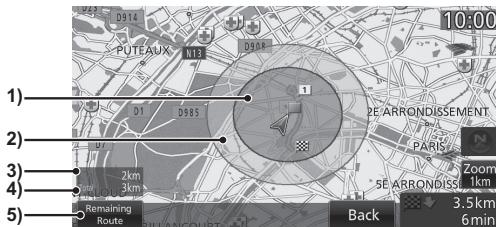
Functions only for electric vehicles

Check the Possible Cruising Area

You can check the area and distance you can travel with the remaining battery and fuel.

INFO

Display Contents



1. EV Possible cruising area

Displays the area (blue), centring on your car's current position, to which you can travel with the remaining battery.

2. Total possible cruising area

Displays the area (yellow green), centring on your car's current position, to which you can travel with the remaining battery and remaining fuel combined.

3. EV possible cruising distance

Displays the distance you can travel with the remaining battery.

4. Total possible cruising distance

Displays the distance you can travel with the remaining battery and fuel combined.

5. Remaining Route

When a route is set, this displays the remaining distance of that route you can travel with the remaining battery and fuel.

NOTE

- For the possible cruising distances and areas, you can check the information at a point in time when it is displayed. This is not updated as you go along.

Displaying

- 1 **Press the **INFO/SET** key.**
This displays the Information menu.
- 2 **Touch **[EV information]**.**
- 3 **Touch **[EV range map]**.**



This displays the possible cruising area and distance.

ADVICE

- You can also display this by touching **[EV]** and then **[EV Range Map]** on the current location screen.
→ “Display the EV Menu” (on page 36)

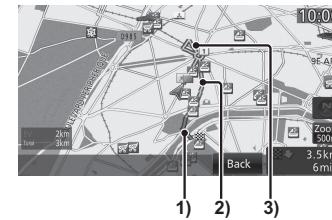
Check the Remaining Route with the Possible Cruising Distance

When a route is set, this displays the remaining distance of that route you can travel with the remaining battery and fuel.

- 1 **Display the possible cruising area screen. (p.173)**
- 2 **Touch **[Remaining Route]**.**



The remaining route for the possible cruising distance screen is displayed.

Remaining Route for the Possible Cruising Distance Screen**1. Cannot travel (red line)**

Shows the part of the remaining route that you cannot travel with the remaining battery and fuel.

2. Total possible cruising remaining route (yellow green line)

Shows the part of the remaining route that you can travel with the remaining battery and fuel combined.

3. EV possible cruising remaining route (blue line)

Shows the part of the remaining route that you can travel with the remaining battery.

INFO

Equipment by type.

Air Conditioner

You can check the air conditioner status.

Displaying

1 Press the **INFO/SET** key.

This displays the Information menu.

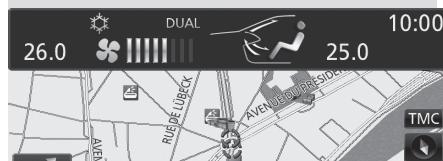
2 Touch **Air Conditioner**.



This displays the air conditioner status.

NOTE

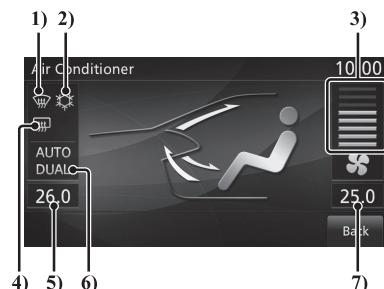
- When the air conditioner is operated while the navigation screen or audio screen is being displayed, the following screen is displayed.



- If no operation is done on the air conditioner for a while, the air conditioner display goes off automatically.

Display Contents

Dual-zone automatic climate control air conditioner



1. Front defroster indicator/heated glass

When the front defroster is operating, this is displayed in

When the heated glass is operating,

2. Air conditioner indicator

Displayed when the air conditioner is operating.

3. Blower speed indicator

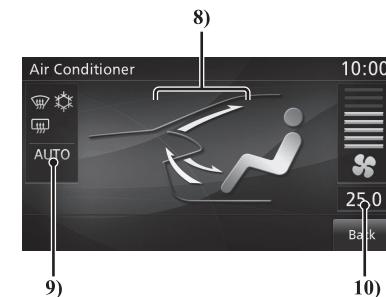
Displays the speed indicator in 9 levels.

4. Rear window defogger indicator

Displayed when the rear window defogger is operating.

5. Left side temperature setting

Other than dual-zone automatic climate control air conditioner



6. DUAL

Displayed when dual mode is on.

7. Right side temperature setting

8. Air direction/Outside air intake indicator

9. Auto mode indicator

Displayed when auto mode is on.

10. Temperature setting**GPS Information**

You can check the name of the current location, its latitude/longitude, the number of GPS satellites being received, and a map of satellite locations.

Displaying

1 Press the **INFO/SET** key.

This displays the Information menu.

2 Touch **GPS Information**.

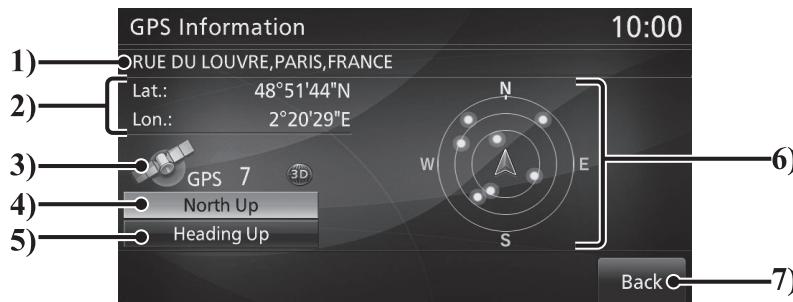


This displays the GPS information screen.

INFO/SETTINGS
INFO

INFO

Display Contents



1. Current location name
2. Current location latitude/longitude
3. Number of GPS satellites being received

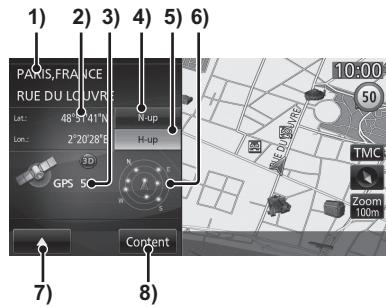
ADVICE

- When is displayed, effective radio signals are being received from four or more GPS satellites and 3D position measurement, which measures the three dimensions of latitude, longitude, and altitude, is possible.
- When is displayed, effective radio signals are being received from three or less GPS satellites and 2D position measurement, which measures the two dimensions of latitude and longitude is possible. In this case, the positional precision is less than for 3D position measurement.
- If neither mark is displayed, this shows that effective radio signals are not being received from GPS satellites and the system is in the state of not measuring position.

4. **North Up**
Touching this allows you to change the map of satellite locations to the north reference so that up is north.
5. **Heading Up**
Touching this allows you to change the map of satellite locations to the heading reference so that up is the direction you car is travelling.
6. **Map of satellite locations**
Allows you to check the location of the GPS satellites being received.
The GPS actually being used for position calculation is displayed in yellow and those not being used are displayed in grey.
7. **Back**
Touching this returns the display to the info menu (p. 26) .

Map+Info Display Screen

This section explains the screens displayed when selecting the [GPSInfo] in the Map+Info display information (p. 40).



1. Current location name
2. Current location latitude/longitude
3. Number of GPS satellites being received
4. **N-up**
Touching this allows you to change the map of satellite locations to the north reference so that up is north.
5. **H-up**
Touching this allows you to change the map of satellite locations to the heading reference so that up is the travelling direction of your car.

6. Map of satellite locations

Allows you to check the location of the GPS satellites being received. The GPS actually being used for position calculation is displayed in yellow and those not being used are displayed in grey.

7. Touching this displays the submenu. (p. 36)
8. **Content**
Change the information displayed on the Map+Info sub-screen.

Equipment by type.

(Vehicles with a Bluetooth® 2.0 interface).

Mobile Phone

Connecting your mobile phone to this product with Bluetooth lets you use the hands-free function.

⚠ WARNING

- The driver should not hold the mobile phone in their hand while driving.
- 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.

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 216). Operation methods below describe situations once connection has been completed.

NOTE

- This requires a mobile phone that can be connected to the Bluetooth.
- For the equipment supported, refer to the vehicle's user manual.
- Cancel functions such as the mobile phone "dial lock", and connect while on the standby screen.
- Some equipment cannot be connected.

Display 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 **PHONE** key.



INFO

Vehicle Phonebook		6 10:00
Michael	00011112222	
Emily	81234567890	
Shuzo	91234567890	
Andrew	71234567890	
Samantha	61234567890	
▲	Mobile Phonebook	Back

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].

Register in Phone book

Telephone numbers can be registered.

Input and Register the Telephone Number

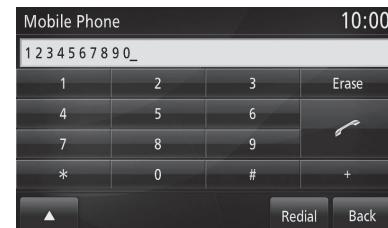
Registration is done with the vehicle phone book.

1 Press the **PHONE** key.
The vehicle phone book screen is displayed.

2 Touch **▲**.

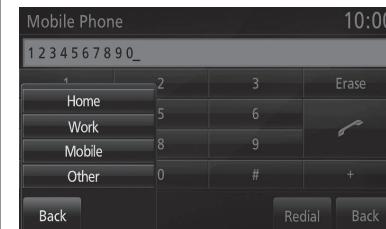
3 Touch **Num**.

4 Touch the “telephone number” to register.



5 Touch **▲**, and then **Registration**.

6 Input each type of telephone number.



7 Touch **Back**.

▼
Registration in the vehicle phone book is complete.

Registering from Mobile Phone

You can register each entry in the phone book in your mobile phone into the vehicle phone book one by one. Also, you can view all the entries in the phone book in your mobile phone from the mobile phone book.

WARNING

- Stop your car in a safe location before starting to load the phone book from your mobile phone.

NOTE

- For details on how to operate your mobile phone, please refer to the user manual for your mobile phone.
- Normal data transfer may be impossible with some types of mobile phones.
- The only data that can be transferred is home, work, and mobile phone numbers.
- It takes about 3 minutes for the transfer to complete. However, this depends on the number of telephone numbers registered in your mobile phone.
- If there is already a mobile phone book loaded in this product, loading a new phone book overwrites it.
- Up to 32 entries can be registered in the vehicle phone book.
- Up to 1000 entries can be displayed in the mobile phone book.
- Telephone numbers in the mobile phone book cannot be registered, edited, or deleted from this product.
- In order to load only 1 entry, your mobile phone must support OPP (Object Push Profiles).
- In order to load all the entries, your mobile phone must support PBAP (Phone Book Access Profiles).

Reading in one Entry**1 Display the vehicle phone book screen.**

→“Display the Phone book” (on page 177)

2 Touch , and then Register.

3 Touch Register from Mobile Phone.

4 Touch Yes.

Do this while the message “Import one phone book entry?” is displayed.

5 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 to the vehicle phone book is complete, the message “Import successful.” is displayed.

Reading in All Entries**1 Display the mobile phone book screen.**

→“Display the Phone book” (on page 177)

2 Touch Import.

3 Touch Yes.

Do this while the message “Import entire phone book from this phone?” is displayed.

When the loading to the mobile phone book is complete, the message “Import successful.” is displayed.

Edit a Phone book

You can edit a phone book that has been registered.

1 Display the vehicle phone book screen.

→“Display the Phone book” (on page 177)

2 Touch , and then Edit.

Edit	
Name	Michael
Home	Empty
Work	Empty
Mobile	00011112222
Other	Empty
Voice Tag	Back

This displays the phone book edit screen. The rest of the procedure is the same as from Step 5 onward in “Input and Register the Telephone Number” (on page 178).

Deleting a Phone book

You can delete a phone book that has been registered.

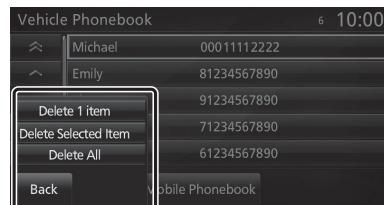
INFO

1 Display the vehicle phone book screen.

→“Display the Phone book” (on page 177)

2 Touch and then .

3 Touch any of the “deletion methods”.



Delete 1 item	Deletes the currently selected phone book.
Delete Selected Item	Select multiple phone books, then touch [Delete] to delete them.
Delete All	Deletes all the registered phone books.

4 Touch .

The phone book deletion is complete.

Dial a Telephone

There are a number of ways to make a call.

⚠ CAUTION

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

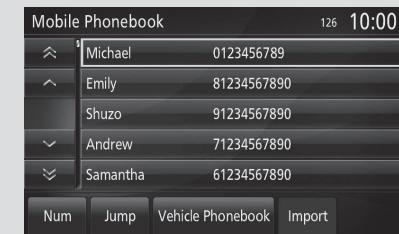
The vehicle phone book screen is displayed.

2 Touch and then .

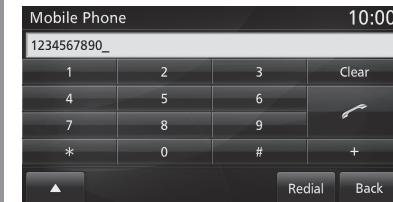
The mobile phone screen is displayed.

ADVICE

- From the mobile phone book screen, touch [Num] to display the mobile phone screen.



3 Input the “telephone number”.



ADVICE

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

4 Touch the key.

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.

→“Display the Phone book” (on page 177)

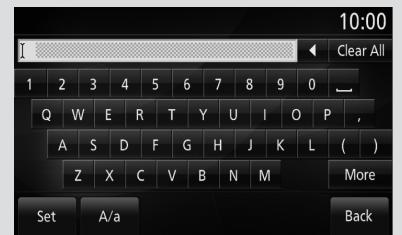
- 2 Select and touch the “person to call”.

Vehicle Phonebook		10:00
Michael	00011112222	
Emily	81234567890	
Shuzo	91234567890	
Andrew	71234567890	
Samantha	61234567890	
▲	Mobile Phonebook	Back

ADVICE

- When there are many items in the phone book, you can find them using the search function.

Touch **▲** and [Jump], then input the first character in the person whose phone number you are searching for.



- 3 Touch the “telephone number to call”.

Vehicle Phonebook		10:00
Name	Michael	
Home	Empty	
Work	Empty	
Mobile	00011112222	
Other	Empty	
▲		Back

- 4 Touch **Yes**.

NOTE

- If there is no telephone number in the information for the establishment searched for, you cannot call it.

- 1 Search the “location” to call.

→“Search for a Location” (on page 52)

- 2 Touch **Dial**.

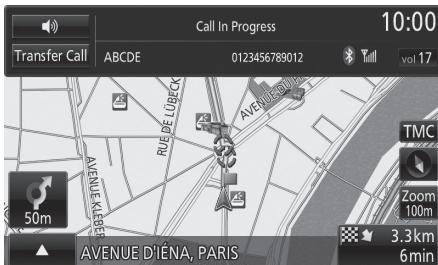


A call is started to the telephone number of the establishment.

INFO

Incoming Calls

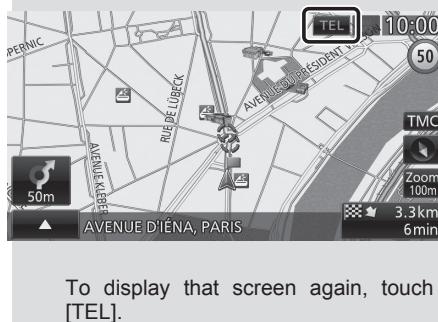
The incoming call ring is sounded and the incoming call screen is displayed.



ADVICE

- Touching [Mute On] switches OFF 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 [Transfer Call] again switches the speaker and mic functions to this product.
- The incoming call screen will disappear after approximately four seconds.

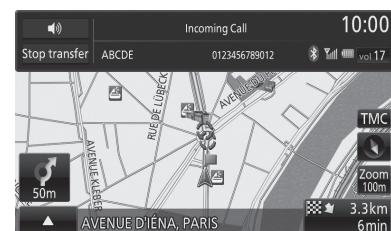
ADVICE



Answering an Incoming Call

- 1 Press the "OFF HOOK" key on the steering wheel.

→ "Steering Remote Control Switch Operation" (on page 91)



You can now talk with the calling party.

Ending a Telephone Call

- 1 Press the "ON HOOK" key on the steering wheel.

→ "Steering Remote Control Switch Operation" (on page 91)



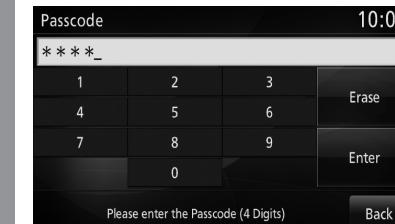
This ends the incoming call.

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 then **Lock**.

- 2 Enter a four-digit "passcode", then touch **Enter**.



The passcode setting is complete.

OMCE17E1

Equipment by type

Camera

The camera (rear, side, nose) can display pictures of the rear, side and front of the vehicle, which prevents blind spots. The type of camera equipped (rear, side, nose) 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.

WARNING

- The camera picture does not exempt the driver from the obligation to pay attention or reduce that obligation. Drive checking the safety of the surroundings with your own eyes the same way that you do when there is no camera.

CAUTION

- If mud, snow, or the like sticks to a camera, do not strike it off with a stiff rod or the like. Rather use water or warm water, then wipe it off with a soft cloth.
- Depending on the number of people in the car and how much it is loaded, the camera picture and guide lines may be out of line.

CAUTION

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

ADVICE

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

The vehicle phone book screen is displayed.

2 Enter the set a “passcode”, then touch Enter.



3 Touch ▲, and then Unlock.



The unlocking of the passcode lock is complete.

INFO

⚠ CAUTION

- On sloped roads and when the car is otherwise tilted, the camera picture and guide lines may be out of line.

Displaying

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.

Display using the steering remote control switch

- 1 Press the **CAMERA** key.

→ "Steering Remote Control Switch Operation" (on page 91)



By pressing the Camera key, the picture from the camera can be displayed.

The camera picture switches each time the Camera key is pressed.

Equipment by type

Environment

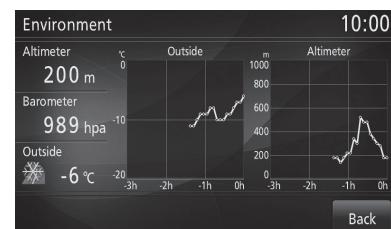
You can check the altitude, air pressure, and outside temperature.

Displaying

- 1 Press the **INFO/SET** key.

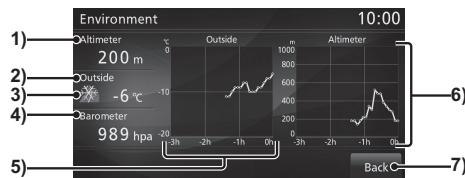
This displays the Information menu.

- 2 Touch **Environment**.



This displays the environment screen.

Display Contents



1. Altimeter

2. Outside

3. Freezing mark

Displayed when the outside temperature is 3 °C or less.

4. Barometer

5. Outside temperature graph

6. Altitude graph

7. Back

Touching this returns the display to the info menu (p. 26).

NOTE

- The display graphs display the latest information in units of 5 minutes.
- You can change the display unit.
→ "Units" (on page 212)

INFO

Equipment by type

Maintenance

You can manage parts replacement timing for your car.

Displaying

You can check the engine oil, oil filter, etc. replacement timing.

NOTE

- The distance travelled used in the maintenance information is calculated by this product and does not necessarily match the distance calculated by the car.
- During map updating, program updating, etc., the distance travelled cannot be calculated and the distance travelled during this time is not reflected in the maintenance information.

1 Press the **INFO/SET** key.

This displays the Information menu.

2 Touch **Maintenance**.

Maintenance 10:00					
Guidance	Date of Change	Change Date Dist.	Not Remaining	1/2	
Engine Oil	XX 04 01	3214km	6831km		
Oil Filter	XX 04 01	3276km	6893km		
Rotate Tires	XX 08 02	4095km	7712km		
A/C Filter	XX 02 03	8191km	11808km		

Batch Reset all Back

Maintenance 10:00			
[Engine Oil]]	
Date of Change	Change Date Dist.	Next Remaining	
XX 04 01	3214km	6831km	
Fixed Date	:	After 1 Years, 0 Months	
Distance	:	After 20000km	

This displays the detailed information.

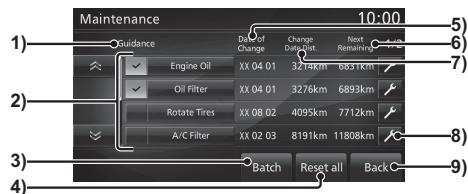
This displays the maintenance information.

ADVICE

- When the date approaches on which a part is scheduled to be replaced or the travel distance since the last replacement approaches the distance for part replacement, this is displayed in yellow. When that replacement date or distance is passed, this is displayed in red.
- The communication of the part replacement timing is sent 10 days before the scheduled replacement date or when there are 100 kilometres remaining until the travel distance for replacement.

3 Touch the “part” you want to look at.

Display Contents



1. Guidance

This sets whether or not to display guidance when the parts replacement date approaches or is past. →“Set Maintenance Information Guidance” (on page 190)

2. Parts

Displays the parts that can be maintained.

3. Batch

The date of all parts maintenance performance, the odometer reading as of that time, and the distance remaining until the next replacement are updated. →“Batch Updating” (on page 189)

4. Reset all

Resets all the maintenance information. →“Reset Maintenance Information” (on page 190)

5. Date of Change

Displays the dates on which maintenance was carried out.

6. Next Remaining

Displays the distance remaining until the maintenance execution date.

7. Change Date Dist

Displays the odometer reading as of the date maintenance was performed.

8. ↗

The date of maintenance performance and the odometer reading as of that time are updated. →“Update Maintenance Information” (on page 189)

9. Back

Returns to the previous screen.

INFO

Set Maintenance Information

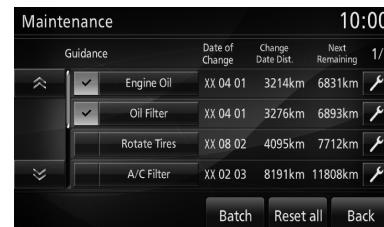
You can set the maintenance fixed date and maintenance distances.

1 Press the **INFO/SET** key.

This displays the Information menu.

2 Touch **Maintenance**.

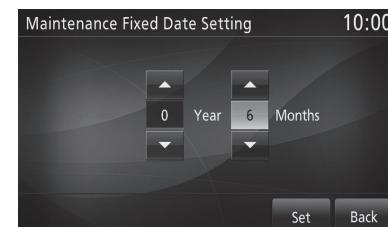
3 Touch the “part” to set.



4 Touch **Setup** in “Fixed Date”.



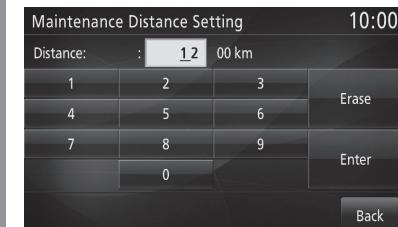
5 Touch **▲** or **▼**, input the maintenance fixed date, then touch **Set**.



6 Touch **Setup** in Distance.



7 Input the “distance”, then touch **Enter**.



→“How to Input Characters” (on page 18)

8 Touch **Back**.

The maintenance information setting is complete.

NOTE

- The default values for distances and maintenance fixed date are rough yardsticks. Always input the values according to the maintenance information for your car.

Add Maintenance Information

You can add maintenance items that you want to add.

1 Press the INFO/SET key.

This displays the Information menu.

2 Touch Maintenance.**3 Touch USER*.****ADVICE**

- Items from "USER1" to "USER3" can be added.

4 Touch Set Name.

→ "How to Input Characters" (on page 18)

5 Input the "part name" to add, then touch Set.

The rest of the procedure is the same as for Step 4 in "Set Maintenance Information" (on page 188).

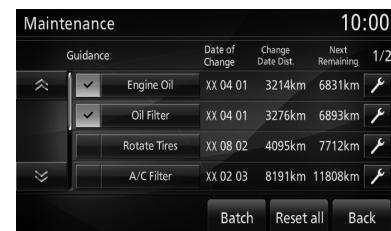
Set the "Maintenance Fixed Date" and "Maintenance Distance".

Delete Maintenance Information

This deletes the "Date", "Changed at Odometer" and "Remaining Distance" for the set part.

1 Press the INFO/SET key.

This displays the Information menu.

2 Touch Maintenance.**3 Touch the "part" to delete.****4 Touch Delete.****5 Touch Yes.**

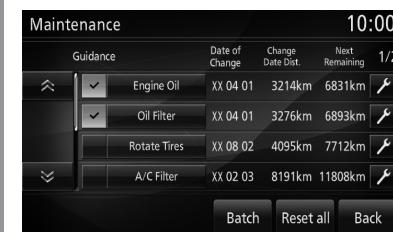
The maintenance information deletion is complete.

Update Maintenance Information

When parts are replaced, the maintenance information is updated.

1 Press the INFO/SET key.

This displays the Information menu.

2 Touch Maintenance.**3 Touch ↗ for the "part" that was replaced.****4 Touch Yes.**

This updates maintenance information.

ADVICE

- When the information is updated, the current date is set as the "Maintenance Fixed Date".

INFO

Batch Updating

This updates all the "Engine Oil", "Oil Filter", "Rotate Tires", "Air Purifier" and "Brake System" replacement dates, odometer readings on replacement dates, and remaining distances until the next replacement.

1 Press the **INFO/SET** key.

This displays the Information menu.

2 Touch **Maintenance**.

3 Touch **Batch**.

4 Touch **Yes**.

▼
Batch updating is complete.

Reset Maintenance Information

This resets all the maintenance information.

1 Press the **INFO/SET** key.

This displays the Information menu.

2 Touch **Maintenance**.

3 Touch **Reset all**.

4 Touch **Yes**.

▼
The resetting is complete.

Set Maintenance Information Guidance

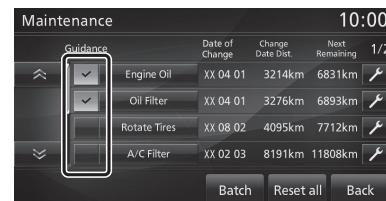
If maintenance information guidance is set, after this product starts, this sets the guidance display when the parts replacement date approaches or is past.

1 Press the **INFO/SET** key.

This displays the Information menu.

2 Touch **Maintenance**.

3 Touch "Guidance" for the part to have guidance given about.



▼
This sets "Guidance".

- Give guidance
- Do not give guidance

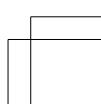
When Setting "Give Guidance"

When a parts replacement date approaches or passes, after this product is started, a message like the following is displayed.



Touching a touch switch puts out the message. The operations after the next time this product is started are as follows.

Do not show again	From the next start-up, messages are not displayed.
Delete	Even from the next start-up, messages are still displayed.



Version Info

You can check the map database, navigation program version, and map request code. This section also explains methods for updating to a newer version of the map database.

Displaying

Map Database Version

1 Press the **INFO/SET key.**

This displays the Information menu.

2 Touch **Version Info.**

If this is not displayed, touch **>>**.



This displays the version info screen.

Checking the map request code

1 Press the **INFO/SET key.**

This displays the Information menu.

2 Touch **Map Registration Code.**

If this is not displayed, touch **>>**.



This displays the map registration code screen.

Version Updating Method

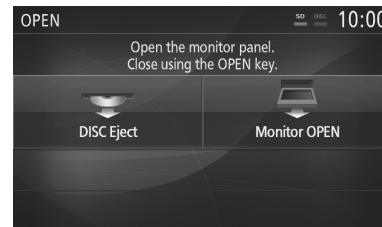
A map database or system can be updated to a newer version by replacing the main unit map card with a higher version map card, available separately.

⚠ CAUTION

- When updating, first ensure that your car is stopped in a safe area in which stopping is permitted.

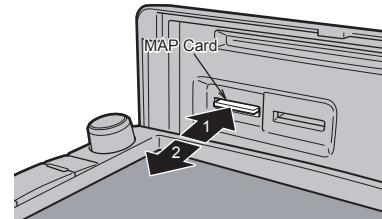
1 Press the **OPEN/CLOSE key.**

2 Touch **Monitor OPEN.**



The monitor panel opens.

3 Push in the map card until you hear a "click".

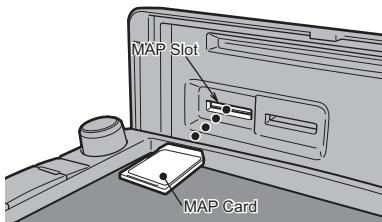


The map card jumps out and can now be removed. Gently remove it.

INFO

4 Insert the higher version map card, available separately, into this product.

Insert until you hear the "click".



5 Press the **OPEN/CLOSE key to close the monitor panel.**



The map screen is displayed.

NOTE

- When reading map data, "Map cannot be displayed." is displayed.
- When it is necessary to update the system to a newer version, the system update screen is displayed.
- After the version updating is complete, check the version.

SETTINGS

Navigation Settings

This changes the settings concerning navigation.

1 Press the **INFO/SET** key.

This displays the Information menu.

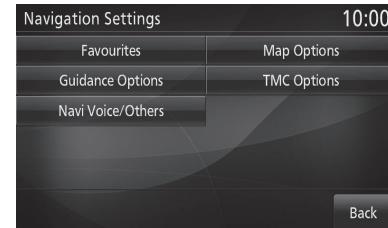
2 Touch **Settings**.

The settings menu is displayed.

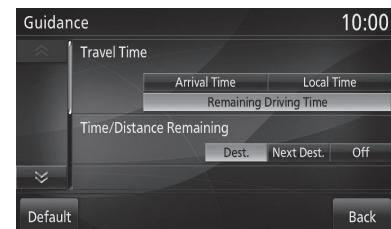
3 Touch **Navigation settings**.

The navigation settings menu is displayed.

4 Touch the “type” to change.



5 Change the settings.



The setting change is complete.

Types That Can Be Set

Favourites	Allows you to manage address book, home location, and other information. →“Favourites” (on page 199)
Guidance Options	Allows you to set up the guidance display. →“Guidance Options” (on page 193)

Navi Voice/Others

Allows you to set up the navigation audio guidance. Also allows you to check vehicle signals.
→“Navi Voice/Others” (on page 201)

Map Options

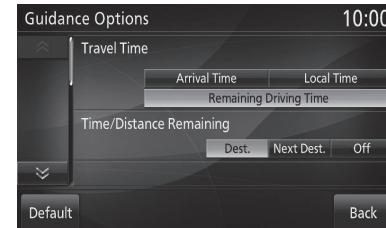
Allows you to set up the navigation display.
→“Map Options” (on page 195)

TMC Options

Allows you to set up the TMC (Traffic Message Channel).
→“TMC Options” (on page 206)

Guidance Options

You can change the settings for the guidance display.



SETTINGS

Settings name	Settings value	Settings content
Travel Time	Arrival Time	Sets the arrival time as the display method for the time of arrival at the destination.
	Local Time	Sets the local time as the display method for the time of arrival at the destination.
	Remaining Driving Time	Sets the time remaining as the display method for the time of arrival at the destination.
Time/Distance Remaining	Dest.	Sets the time remaining to reach the destination as the display method for the time remaining.
	Next Dest.	Sets the time remaining to reach the transit point as the display method for the time remaining.
	Off	The time remaining is not displayed.
Route Guidance Frequency	Max	Allows you to set the frequency for the audio guidance and guide map for route guidance.
	Normal	
	Min	
	No Guidance	
POI Icons on Guidance Map	On	Enables/disables display of POI icons on guidance maps.
	Off	
Curve Guidance	On	Enables/disables curve guidance icon display and audio guidance.
	Off	
Intersection Guidance Map	Display	Enables/disables automatic display of the guidance map.
	Not Display	
Default		Returns the guidance to their factory default settings.

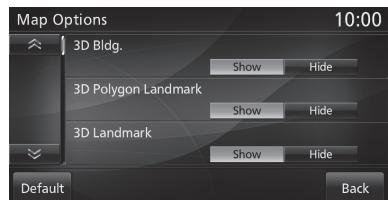
SETTINGS

INFO/SETTINGS

SETTINGS

Map Options

You can change the settings for the display.



Settings name	Settings value	Settings content
3D Bldg.	Show	Enables/disables display of buildings in 3D (p. 39) display.
	Hide	
3D Polygon Landmark	Show	Enables/disables display of 3D polygon landmark when displaying a map screen in 3D.
	Hide	
3D Landmark	Show	Enables/disables display of 3D landmarks.
	Hide	
POI Icons on Map	Show All	Allows you to set whether or not to display all POI icons on the map.
	Hide All	
	Select ►	Enables/disables display of each POI icon type. → "POI Icons on Map" (on page 195)
3D Scroll	3D	Allows you to set the display state for scrolling during 3D (p. 39) display.
	2D	
2 Screen Scroll	2 Screens	Allows you to set the display state for scrolling during two-map (p. 37) display.
	1 Screen	
Day&Night Colour *1		Displays the settings for map screen colours according to the vehicle sensor and lighting state.

*1: For some meter modes, the screen may not switch.

SETTINGS

Settings name	Settings value	Settings content
Map Colour	Change	Allows you to set the display colours for the map screen. →“Map Colour” (on page 195)
Character Size	Normal	Allows you to set the size of characters displayed on the map screen.
	Big	
Motorway Simplified Map Automatic Display	Display	Allows you to set whether or not to automatically display Motorway Info (p. 38) when travelling on a motorway.
	Not Display	
Current Street Name	On	Enables/disables display of the name of the current location.
	Off	
Address Book Names	On	Enables/disables display of the Address book name.
	Off	
Lane Information	On	Enables/disables display of lane information displayed on the map screen.
	Off	
Route Tracking	On	Enables/disables display of route tracking displayed on the map. (Even when it is set not to be displayed, the route tracking information is stored.)
	Off	
	Erase	Clears the stored route tracking information for your car.
Searched Route	Arrow	Allows you to change that the method route guidance marks (p. 32) are displayed.
	Line	
AV Icon	Show	Allows you to set whether or not to display the AV icons (audio status icons) displayed on the map screen.
	Hide	
Mobile Phone Icon	Show	Allows you to set whether or not to display the telephone icon displayed on the map screen.
	Hide	
Speed Indicator	On	Enables/disables display of the speed indicator.
	Off	

*1: For some meter modes, the screen may not switch.

SETTINGS

Settings name	Settings value	Settings content
Change 3D point of view	Change	Allows you to change the 3D (p. 39) point of view. →“Change 3D point of view” (on page 195)
Default		Returns the screen options settings to their factory default settings.

*1: For some meter modes, the screen may not switch.

POI Icons on Map

You can enable/disable display of each POI icon type.

1 Press the **INFO/SET** key.

This displays the Information menu.

2 Touch **Settings**.

The settings menu is displayed.

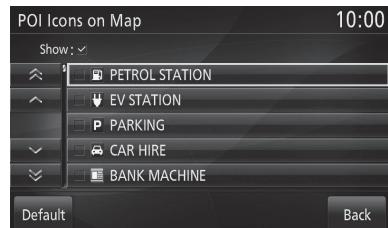
3 Touch **Navigation settings**.

The navigation settings menu is displayed.

4 Touch **Map options**.

5 On “POI Icons on Map”, touch **Select**, and then **▶**.

6 For the icon you want to display, touch .



Selection of the POI icons to display is complete.

ADVICE

- When **[+]** is displayed on the side of the list, if you touch **[+]**, you can selected icons in greater detail.
- Touching **[Default]** returns to the factory default settings.

Map Colour

You can set the display colours for the map screen.

1 Press the **INFO/SET**.

This displays the Information menu.

2 Touch **Settings**.

The settings menu is displayed.

3 Touch **Navigation settings**.

The navigation settings menu is displayed.

4 Touch **Map options**.

5 Touch **Change** in “Map Colour”.

6 Touch the “colour” for each item.



The map screen colour setting is complete.

INFO/SETTINGS

SETTINGS

SETTINGS

Change 3D point of view

You can change the 3D (p. 39) point of view.

- 1 Press the **INFO/SET** key.

This displays the Information menu.

- 2 Touch **Settings**.

The settings menu is displayed.

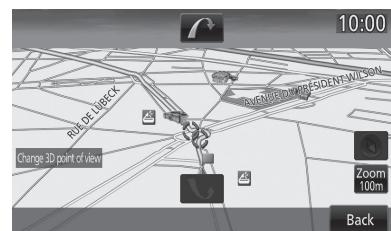
- 3 Touch **Navigation settings**.

The navigation settings menu is displayed.

- 4 Touch **Map options**.

- 5 Touch **Change** in “Change 3D point of view”.

- 6 Touch  or  to adjust the angle.



The change in the point of view is complete.

SETTINGS

Favourites

You can register, edit, and delete locations in the address book; your home, frequently used locations, etc.



INFO/SETTINGS

SETTINGS

Settings name	Settings value	Settings content
Address Book	New	Allows you to register a new location. After you touch [New], the procedure is the same as in Step 2 of "Register a Searched for Location" (on page 79).
	Edit	Edits registered information. The procedure is the same as in "Change Address Book Information" (on page 80).
	Delete	Deletes registered information. The procedure is the same as in "Delete an Address from the Address Book" (on page 80).

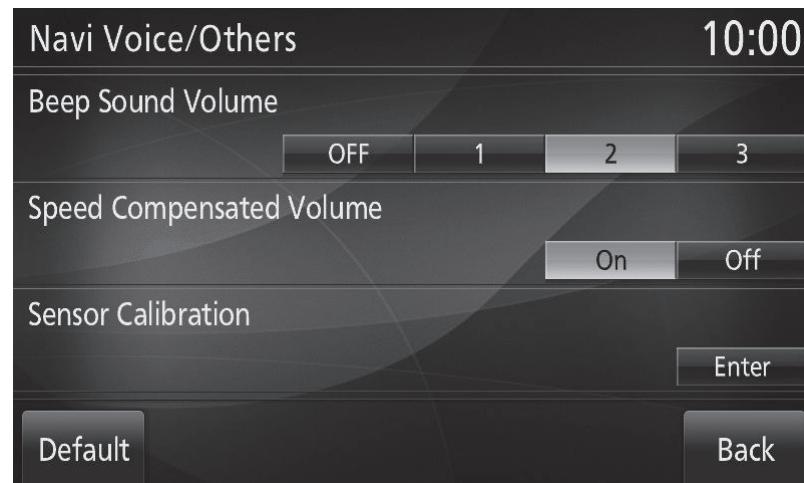
SETTINGS

Settings name	Settings value	Settings content
Home Location	New	Allows you to register a home location. If another location is already registered, you must delete the old one first before registering a new home location. After you touch [New], the procedure is the same as in Step 5 in "Register a Home Location" (on page 75).
	Edit	Edits registered information. The procedure is the same as in "Change the Home Location" (on page 76).
	Delete	Deletes registered information. The procedure is the same as in "Erase Your Home Registration" (on page 76).
Special Location	New	Allows you to register frequently used locations. After you touch [New], the procedure is the same as in Step 5 of ("Set a Frequently Used Location in the Address Book" (on page 76)).
	Edit	Edits registered information. The procedure is the same as in "Change a Frequently Used Location" (on page 78).
	Delete	Deletes registered information. The procedure is the same as in "Delete a Frequently Used Location" (on page 78).
My Categories	Edit	Registers a frequently used establishment category in "My Categories". After you touch [Edit], the procedure is the same as in Step 4 of ("Editing My Categories" (on page 55)).

SETTINGS

Navi Voice/Others

You can set the settings for the volume and other settings.



INFO/SETTINGS

SETTINGS

Settings name	Settings value	Settings content
Beep Sound Volume	OFF	Allows you to set the operation volume. The larger the number, the higher the volume. [Off] mutes the operation sound.
	1~3	
Speed Compensated Volume	On	Enables/disables the function for adjusting the volume automatically according to the vehicle speed.
	Off	
Sensor Calibration	Enter	Deletes the speed sensor and gyro sensor automatic learning information. →"Sensor Calibration" (on page 201)

SETTINGS

Settings name	Settings value	Settings content
	Default	Returns the Navi Voice/Others settings to their factory default settings.

SETTINGS

INFO/SETTINGS

SETTINGS

Sensor Calibration

The levels for the speed sensor and gyro sensor are raised through automatic learning. When a tyre is replaced, it is necessary to erase the speed learning data and relearn it.

1 Press the **INFO/SET** key.

This displays the Information menu.

2 Touch **Settings**.

The settings menu is displayed.

3 Touch **Navigation settings**.

The navigation settings menu is displayed.

4 Touch **Navi Voice/Others**.

5 Touch **Enter** in “Sensor Calibration”.



This displays the sensor correction status screen.

6 Touch **Erase** in “Speed” or “Gyro”.

7 Touch **Yes**.

The sensor learning data deletion is complete. Then, check “Precision of Your Car’s Location and Automatic Correction” (on page 195) and correct.

⚠ CAUTION

- Deleted data cannot be restored.

Precision of Your Car’s Location and Automatic Correction

- When sensor learning data has been deleted, you can drive at a constant speed for a while some place with a good view and make left and right turns at junctions to speed up the speed and gyro automatic learning.
- When you drive at a constant speed on a straight road with good GPS reception, the automatic speed correction operates and when you repeatedly turn left and right at junctions, the gyro automatic correction operates. The operation of the automatic speed and gyro learning gradually improves the precision of your car’s location.

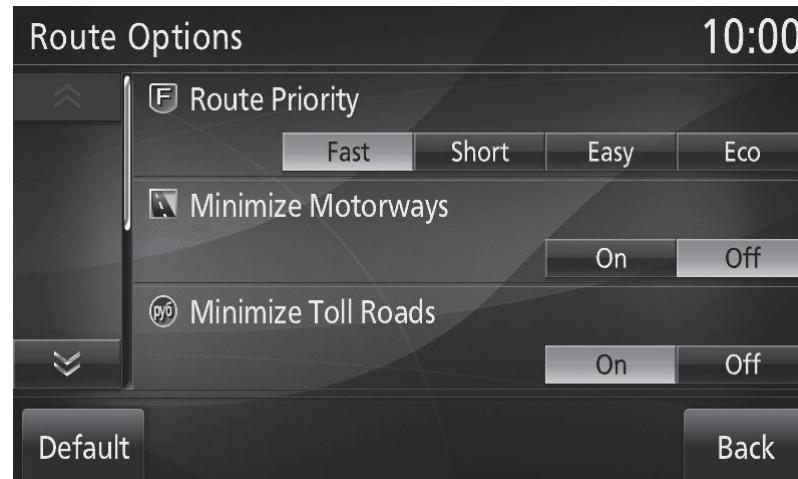
ADVICE

- In some cases, you may need to drive a few hours before the precision of your car’s location stabilises. Driving somewhere with a good view, such as a motorway, makes it easier for the automatic correction to work.

SETTINGS

Route Options

You can change the settings concerning route searches.



Settings name	Settings value	Settings content
Route Priority	Fast	Searches for the route with the shortest driving time (earliest arrival at the destination) by using motorways and major roads.
	Short	Searches for the route with the shortest distance on the map.
	Easy	Searches for the route that is easiest to drive with the fewest turns.
	Eco	Based on the "Short" route, searches for a route giving priority to motorways and the like in order to save fuel.

SETTINGS

Settings name	Settings value	Settings content
Minimize Motorways	On	Allows you to set whether or not to use motorways. Touching [On] will calculate the route avoiding the use of motorways as much as possible.
	Off	
Minimize Toll Roads	On	Allows you to set whether or not to use toll roads. Touching [On] will calculate the route avoiding the use of toll roads as much as possible.
	Off	
Minimize Ferries	On	Allows you to set whether or not to use ferries. Touching [On] will calculate the route avoiding the use of ferries as much as possible.
	Off	
Avoid Selected Areas	On	Allows you to set whether or not to use areas set as Avoid Areas. Touching [On] will calculate the route using areas set as Avoid Areas (p. 72).
	Off	
Default		Returns the route options settings to their factory default settings.

INFO/SETTINGS

SETTINGS

SETTINGS

TMC Options

Allows you to set up the TMC (Traffic Message Channel).

TMC Icons on Map

You can enable/disable display of each TMC Event Icon (p. 86).

1 Press the **INFO/SET** key.

This displays the Information menu.

2 Touch **Settings**.

The settings menu is displayed.

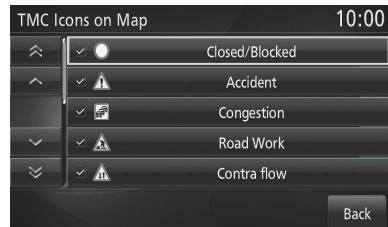
3 Touch **Navigation settings**.

The navigation settings menu is displayed.

4 Touch **TMC options**.

5 On “TMC Icons on Map”, touch **Select**, and then **▶**.

6 For the icon you want to display, touch **□**.



Selection of the TMC Event Icons to display is complete.

TMC Surveillance Map

Displays the registered area using “Registering the TMC Surveillance Map” (p. 87).

1 Press the **INFO/SET** key.

This displays the Information menu.

2 Touch **Settings**.

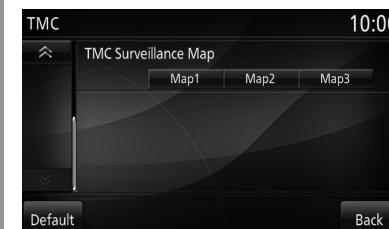
The settings menu is displayed.

3 Touch **Navigation settings**.

The navigation settings menu is displayed.

4 Touch **TMC options**.

5 Touch **Map1** - **Map3** in “TMC Surveillance Map”.



This displays a map of the surroundings for the registered establishment.

ADVICE

- Touching TMC Icon allows you to check the detailed information.

Adjust Audio Sound Quality

Change audio quality settings.

NOTE

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

SETTINGS

Vehicles with and without premium amp

Equaliser Settings

Allows you to set the sound type.

1 Press the INFO/SET key.

This displays the Information menu.

2 Touch Settings.

The settings menu is displayed.

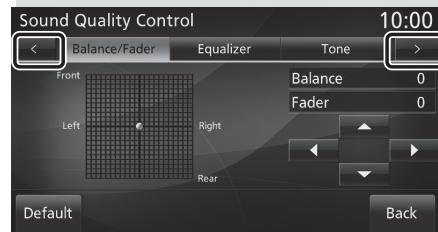
3 Touch Sound Quality Control.**4 Touch Equalizer.****5 Touch the sound “type”.**

ADVICE

- Touching [Default] returns all the sound quality adjustments to their factory default settings.

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.
- You can also switch the setting menu by touching **[<]** and **[>]** to the left or right.



Vehicles with and without premium amp

Balance/Fader

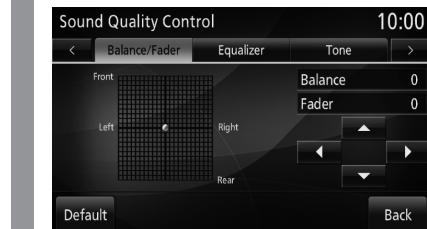
The level of the sound output from each speaker can be adjusted with the cursor switches.

1 Press the INFO/SET key.

This displays the Information menu.

2 Touch Settings.

The settings menu is displayed.

3 Touch Sound Quality Control.**4 Touch Balance/Fader.****5 Touch **[<]** or **[>]** to adjust the balance.**

You can set L11 to L1, 0, or R1 to R11.

6 Touch **[▲] or **[▼]** to adjust the fader.**

You can set F11 to F1, 0, or R1 to R11.

The balance/fader adjustment is complete.

ADVICE

- Touching [Default] returns all the sound quality adjustments to their factory default settings.

SETTINGS

Vehicles with and without premium amp

Tone Settings

Allows you to set the level of each sound quality.

1 Press the **INFO/SET** key.

This displays the Information menu.

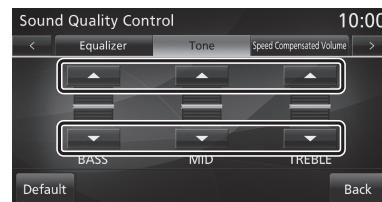
2 Touch **Settings**.

The settings menu is displayed.

3 Touch **Sound Quality Control**.

4 Touch **Tone**.

5 Touch **▲** or **▼** to adjust the level of each sound quality.



If your car is equipped with premium audio, you can set the "Punch" level.



The Tone setting is complete.

ADVICE

- Touching [Default] returns all the sound quality adjustments to their factory default settings.

Setting Contents

PUNCH ^{*1}	Allows you to set the deep bass to one of 7 levels, from 0 to 6.
BASS	Allows you to set the bass to one of 11 levels, from -5 to +5.
MID	Allows you to set the medium tone to one of 11 levels, from -5 to +5.
TREBLE	Allows you to set the treble to one of 11 levels, from -5 to +5.

*1: These are settings for when a premium amp is connected.

Vehicles equipped with premium amp

Surround Settings

You can set the surround and sound field centre.

1 Press the **INFO/SET** key.

This displays the Information menu.

2 Touch **Settings**.

The settings menu is displayed.

3 Touch **Sound Quality Control**.

4 Touch **Acoustics Setting**.

5 Touch the surround "type".

To not set surround, touch [OFF].



6 Touch the "position" to set.



The surround settings are complete.

SETTINGS

DOLBY VOLUME ^{*2}	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.
-----------------------------------	---

^{*1}: This is also effective for non-compressed sound sources.

^{*2}: This is disabled when the audio source is radio.

^{*3}: ““DTS Neural” and “PremiDIA HD” cannot be set at the same time.

ADVICE	<ul style="list-style-type: none"> If you feel that the Dolby volume effect does not match the image of the music being played back, switch it OFF.
---------------	--

Vehicles without premium amp

1 Press the **INFO/SET** key.

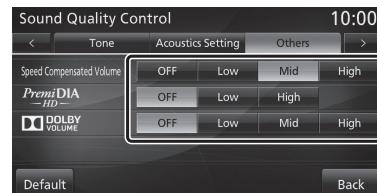
This displays the Information menu.

2 Touch **Settings**.

The settings menu is displayed.

3 Touch **Sound Quality Control**.4 Touch **Others**.

5 Touch “setting” for the item to set.



The setting changes are complete.

ADVICE	<ul style="list-style-type: none"> Touching [Default] returns all the sound quality adjustments to their factory default settings.
---------------	---

Setting Contents

Speed Compensated Volume	Sets the levels for when the volume is adjusted automatically according to the vehicle speed.
PremiDIA HD ^{*1, *2, *3}	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. * There is also an effect for non-compressed sound sources.

^{*1}: This is also effective for non-compressed sound sources.

^{*2}: This is disabled when the audio source is radio.

^{*3}: ““DTS Neural” and “PremiDIA HD” cannot be set at the same time.

SETTINGS

5 Touch “setting”.



The setting change is complete.

System Settings

You can make system related settings, such as the time, language, units, and Bluetooth device.

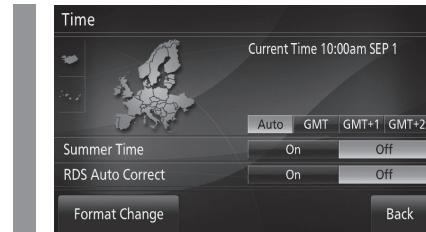
Time

This changes the standard time settings and date and time display format.

1 Press the **INFO/SET** key.

This displays the settings menu.

2 Touch **[Settings]**, and then **Time settings**.



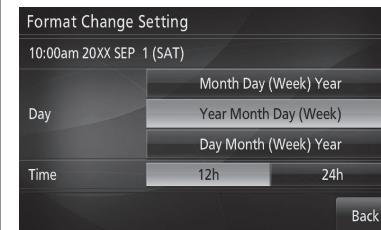
You can make the settings concerning the time.

Time zone area	Touch [Auto], [GMT], [GMT+1], or [GMT+2] to set the region. For a Russian system, touch [-] or [+] to set the region.
Summer Time	Sets whether or not to adjust for summer time.
RDS Auto Correct	Sets whether or not to automatically correct the time.

3 Touch **Format Change**.

You can set the date and time display format.

4 Touch the “date and time display format” to set.



5 Touch **12h** or **24h** in “Time”.

The time settings are complete.

Clock Screen

Displays the clock over the entire screen.

1 Press the **INFO/SET** key.

This displays the Information menu.

2 Touch **Clock Screen**.

SETTINGS



The clock is displayed.

ADVICE

- Touching the screen returns the display to the original screen.

Language

This changes the language used.

1 Press the **INFO/SET** key.

This displays the Information menu.

2 Touch **Settings**.

3 Touch **Language**.

If this is not displayed, touch **>>**.

4 Touch the language to change to.

Language			10:00
English	Svenska	Deutsch	
Français	Español	Nederlands	
Vlaams	Português	Dansk	
Italiano	polski	Norsk	
Back			



The language change is complete.

ADVICE

- For a Russian system, [Russian] or [English] can be chosen.

Opening Setting

Enables/disables the opening animation. Disabling the opening animation makes start-up faster.

1 Press the **INFO/SET** key.

This displays the Information menu.

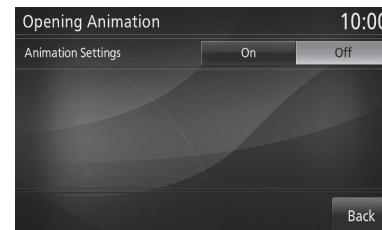
2 Touch **Settings**.

3 Touch **>>**.

3 Touch **Opening animation**.

If this is not displayed, touch **>>**.

4 Touch **On** or **Off**.



The opening animation setting is complete.

Equipment by type

A/C Cut-in

This sets whether or not to display an interrupt for air conditioner operations.

1 Press the **INFO/SET** key.

This displays the Information menu.

2 Touch **Settings**.

3 Touch **>>**.

4 Touch **A/C Cut-in**.

INFO/SETTINGS

SETTINGS

SETTINGS

5 Touch [On] or [Off].



The interrupt display setting is complete.

Units

This changes the unit.

1 Press the **INFO/SET** key.

This displays the settings menu.

2 Touch **Settings**.

3 Touch **Units**.

If this is not displayed, touch **>>**.

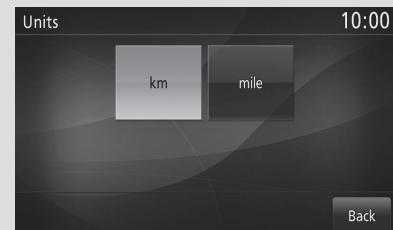
4 Touch the "unit" to change.



The unit change is complete.

NOTE

- For some vehicle types, only the distance display is changed.



Functions only for electric vehicles

Equipment by type

Set the Charging Timer

You can set 5 patterns for the charging timer.

1 Press the **INFO/SET** key.

This displays the Information menu.

2 Touch **Settings**.

The settings menu is displayed.

3 Touch **EV settings**.

4 Touch **Charging timer**.



The charging timer screen is displayed.

5 Touch the preset button to set.



SETTINGS

ADVICE

- You can also display this by touching [EV] and then [Charging Timer] on the current location screen.
→ "Display the EV Menu" (on page 36)
- You can reset the settings you entered by touching [Reset], then [Reset] on the timer setting screen.
- When the charging timer is set, the settings are displayed on the preset field.

8 Touch the "Day of Week" to perform a battery charge.

9 Touch **Set**.

The timer setting is complete.

ADVICE

- The range for time settings is "0 - 23 hours" and "0 - 50 minutes (in increments of 10 minutes)".
- When the start time and end time are set to the same time, the timer function will not operate.
- When the preset is set to [OFF], the timer function is turned OFF.
- When charging timer is set for some days, charging timer does not work for the other days. If you want to charge the battery soon after charging gun is inserted, switch off the timer charging for all days.

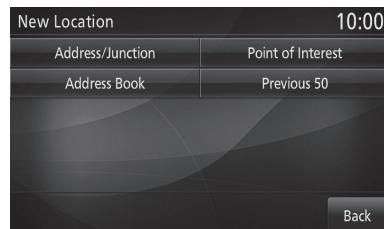
6 Touch **▲** or **▼**, then input the "Start Time" and the "End Time".7 Touch **On** or **OFF** for Full Charge.

When you touch [ON] for a full charge, if the battery is not fully charged within the time set on the timer, the charging continues after timer expires until the battery is fully charged.



SETTINGS

4 Touch any “search method” and search for the location.



→ “Search Method Selection Screen” (on page 68)

5 Touch **Set**.

6 Touch **ON**.

The address link comes ON.

7 Touch **Back**.

The address link setting is complete.

ADVICE

- After setting an address on the address link setting screen, you can delete an address by touching [Delete] and then [Delete].

ADVICE

- After setting an address on the address link setting screen, by touching [Set], you can display the vicinity of the address and can change the location. Change the location, then touch [Change] to complete the location change.

Deleting Registered Settings

Deletes all charging timer presets.

1 Display the charging timer screen. (p. 212)

2 Touch **Reset all**.

3 Touch **Reset**.

Deletion of all charging timer presets is complete.

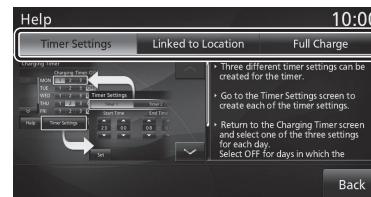
Checking Help

You can check the help for each function.

1 Display the charging timer screen. (p. 212)

2 Touch **Help**.

3 Touch the “function name” to check.



This displays the help.

Functions only for electric vehicles

Equipment by type

Set the Remote Climate Control

You can set 5 patterns for the climate control timer.

1 Press the **INFO/SET** key.

This displays the Information menu.

2 Touch **Settings**.

The settings menu is displayed.

3 Touch **EV settings**.

4 Touch

Remote Climate Control

This displays the climate control timer screen.

SETTINGS

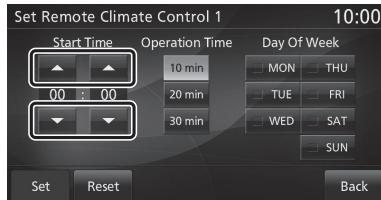
INFO/SETTINGS

SETTINGS

5 Touch the preset button to set.



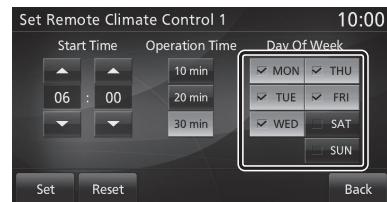
6 Touch **▲** or **▼**, then input "Start Time".



7 Touch the "Operation Time" to set.



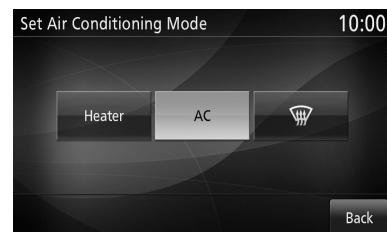
8 Touch the "Day of Week" to set.



9 Touch **Set**

10 Touch
Set Air Conditioning Mode.

11 Touch the "Air Conditioning Mode" to set.



12 Touch **Back**.

The timer setting is complete.

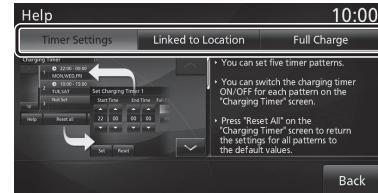
ADVICE

- The range for setting the "Start Time" is "0:00 to 23:00" and "0 to 50 minutes (in increments of 10 minutes)".
- When the preset is set to [OFF], the timer function is turned OFF.
- The operation time setting is fixed and cannot be set by the day of the week.
- When the air conditioning mode is not set, the timer function will not operate.
- Some models have no mode selection, depending on the vehicle type. If there is no mode selection, the mode becomes the cooling mode.

SETTINGS

ADVICE

- You can also display this by touching [EV] and then [Remote Climate Control] on the current location screen.
→ "Display the EV Menu" (on page 36)
- You can reset the settings you entered by touching [Reset], then [Reset] on the timer setting screen.
- When the climate control timer is set, the settings are displayed on the preset field.



This displays the help.

Deleting Registered Settings

Deletes all climate control timer presets.

- 1 **Display the Remote Climate Control screen. (p. 214)**
- 2 **Touch [Reset all].**
- 3 **Touch [Reset].**

Deletion of all climate control timer presets is complete.

Checking Help

You can check the help for timer setting.

- 1 **Display the Remote Climate Control screen. (p. 214)**
- 2 **Touch [Help].**

NOTE

- This product supports Ver. 2.0 + EDR.

Supported profiles

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

NOTE

- This function can be used on vehicles equipped with a Bluetooth® 2.0 interface.
- 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.

NOTE

- 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.
- 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

Register a Bluetooth device with this product.

- 1 Press the **INFO/SET** key.**
This displays the Information menu.
- 2 Touch **Settings**.**
- 3 Touch **Pairing**.**
- 4 Touch **Pair Device**.**

- 5 Enter the pass key displayed on the screen into the Bluetooth device.**



When the connection is complete, the Bluetooth and signal strength icons are displayed.

ADVICE

- If the telephone is not registered, press the [PHONE] key to display the pairing screen.
- After pairing, the phone book can be imported.

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 **INFO/SET** key.**

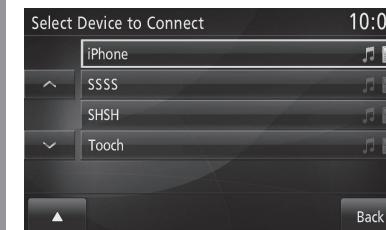
This displays the Information menu.

- 2 Touch **Settings**.**

- 3 Touch **Pairing**.**

- 4 Touch **Select Device to Connect**.**

- 5 Touch the "device name" to connect.**



- 6 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].

- 7 Touch **Connect**.**

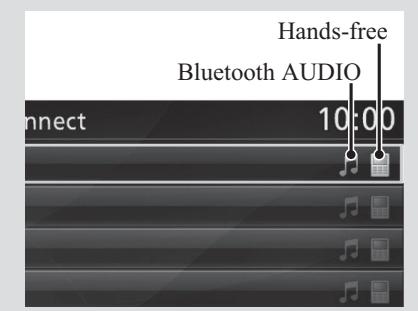
SETTINGS

This completes selection of the Bluetooth device.

ADVICE

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

In this case, the display is as follows.



Setting a Passkey

This sets whether to keep the same passkey (factory setting "1212") or to set a different passkey each time it is registered.

1 Press the **INFO/SET** key.

This displays the Information menu.

2 Touch **Settings**.

3 Touch **Pairing**.

4 Touch **Set Passkey**.

5 Touch **Fixed** or **Random**.

ADVICE

- If random is selected, no passkey input screen is displayed.

6 Enter any four-digit passkey, then touch **Enter**.

The passkey setting is complete.

ADVICE

- If a passkey has already been set, touch [Erase] and delete the passkey, then input the new one.

Set Passcode

You can lock the telephone functions with a passcode.

1 Press the **INFO/SET** key.

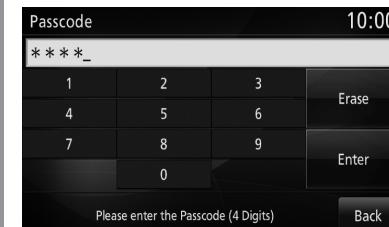
This displays the Information menu.

2 Touch **Settings**.

3 Touch **Pairing**.

4 Touch **Set Passcode**.

5 Input any "four-digit passcode", then touch **Enter**.



The passcode setting is complete.

Keyboard Layout

This changes the keyboard layout.

1 Press the **INFO/SET** key.

This displays the Information menu.

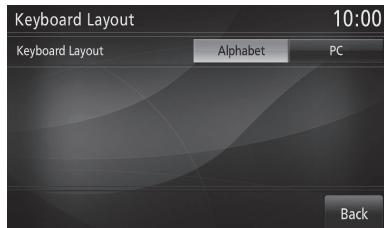
2 Touch **Settings**.

3 Touch **>>**.

4 Touch **Keyboard Layout**.

SETTINGS

5 Touch [Alphabet] or [PC].



The layout change is complete.

Display Settings

This adjusts the brightness, contrast, etc., for the menu screen, navigation screen, etc.

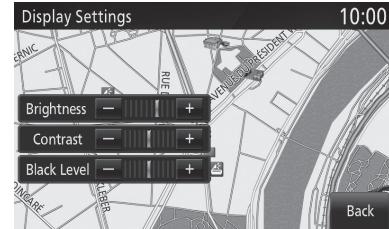
1 Press the **INFO/SET** key.

This displays the Information menu.

2 Touch **Settings**.

3 Touch **Display settings**.

4 Adjust items.



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.

5 Touch **Back**.

The screen settings are complete.

Display Off

This deletes the screen display.

1 Press the **INFO/SET** key.

This displays the Information menu.

2 Touch **Settings**.

3 Touch **Display Off**.

This deletes the screen display.

ADVICE

- To display it again, touch the screen or press [MAP] or other operation key on the panel.

INFO/SETTINGS

SETTINGS

SETTINGS

ADVICE

- Hold down the [PUSH PWR] key to turn off the audio function and disable the screen display.

Equipment by type

Vehicle Settings

You can make settings for the vehicle equipment.

1 Press the **INFO/SET** key.

This displays the Information menu.

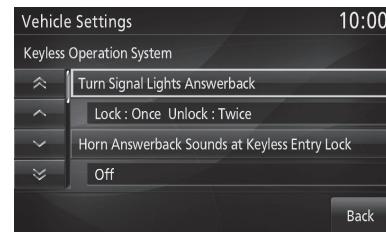
2 Touch **Settings**.

3 Touch **Vehicle Settings**.

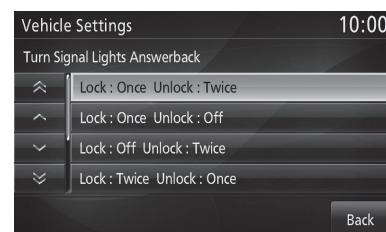
4 Touch the “name of the equipment” to set.



5 Touch the “item” to change.



6 Touch the “set value”.



The vehicle equipment setting is complete.

Items That Can Be Set

NOTE

- * are items that may not be displayed, depending on the supporting vehicle specifications.
- Either "Keyless Entry System" or "Keyless Operation System" is displayed, depending on the vehicle equipment.

Keyless Entry System

Item	Settings content
Turn Signal Lights Answerback	Sets the number of times the lights flash for locking and unlocking.
Multi Mode Keyless Entry System*	Sets door mirror operation.
The Number of Lock Button Pushes for Dead Lock	Sets the number of times to press the lock button to put the locks into the dead lock state.

Keyless Operation System

Item	Settings content
Turn Signal Lights Answerback	Sets the number of times the lights flash for locking and unlocking.
Multi Mode Keyless Operation System*	Sets door mirror operation.
Time for Remote Unlock Inactivation after Locking*	Sets the duration you must wait after locking before unlocking again.
The Number of Lock Button Pushes for Dead Lock	Sets the number of times to press the lock button to put the locks into the dead lock state.

SETTINGS

Wipers

Item	Settings content
Windscreen Wipers Intermittent Operation	Sets the operation interval for the windscreen wipers. * Some setting items are disabled for certain grades and vehicle models.
Wipers Linked to Washer	Sets automatic operation of the windscreen wipers when the washer fluid is sprayed.
Comfort Washer	Enables/disables the automatic cleaning function, which automatically operates the windscreen wipers while spraying the washer fluid intermittently for a certain period of time.
Rear Wiper Intermittent Interval	Sets the operation interval for the rear wipers.
Rear Wiper Activated when in Reverse	Sets automatic operation of the rear wipers when the selector lever is moved to the R (reverse) position.

Exterior Lights/Interior Lights

Item	Settings content
Headlight Auto-cutout Function	Sets the function that automatically puts out the headlights if they are ON and the driver switches OFF the engine and opens the locked door in order to exit the vehicle.
Sensitivity for Auto Light*	Sets the function that automatically switches ON the headlights when it becomes dark outside.
Headlights ON when exiting Vehicle (Coming home light)	Sets the duration the headlights stay ON after the driver exits the vehicle.
Exterior Lights ON with Remote Unlock (Welcome light)	Sets the function that switches ON the lights when the remote control Unlock button is pressed.
Interior Light Auto-cutout Time	Sets the duration the passenger compartment lights stays ON when the engine is switched OFF with the passenger compartment lights ON.
Duration Dome Light Remains On after Door is Closed	Sets duration the passenger compartment stays ON after the doors are closed.
Charging Lid Light Auto cut-out*	Sets the lighting duration for the charging lid light.

SETTINGS

INFO/SETTINGS

SETTINGS

Theft Alarm

Item	Settings content
Theft Alarm*	Enables/disables the theft alarm.
Duration of Pre-Alarm*	Sets the time of the pre-alarm.

Turn Signal

Item	Settings content
Operation in Key Position	Sets the turn signal operation conditions.
Lane-change Signals (Flash Three Times with 1 Touch)	Enables/disables the function that flashes three times if you gently operate the direction indicator lever when changing lanes.
Activation Time for Lane-change Signals	Sets the operating time for the direction indicator lever to trigger the lane-change signal (flash 3 times for 1 touch) function.

Power Door Locks

Item	Settings content
Automatic Relock after Unlocked by Remote*	Sets the duration the door stays unlocked after it is unlocked with keyless entry or the keyless operation key.
Unlock Operation*	Sets the doors for which unlocking is enabled.
Automatic Unlock	Sets automatic door unlocking.

SETTINGS

Air Conditioner

Item	Settings content
Recirculation Control	Allow you to select the function that switches automatically or manually between recirculate and refresh mode.* ¹
A/C Switch Control	Allow you to select the function that switches automatically or manually between ON and OFF mode of air conditioner.* ²
Eco Mode	Allows you to select the function that operates or does not operate during ECO driving* ³ for air conditioner during ECO mode operation (For only vehicles with ECO mode switch).
Foot/Defroster Airflow Ratio	When you select  by MODE switch, this allows you to set the ratio between ventilation to your feet and ventilation to the window.
Face/Foot Airflow Ratio	When you select  by MODE switch, this allows you to set the ratio between ventilation to your upper body and ventilation to your feet.
Automatic Rear Defrost at Start	Allows you to select the function that switches auto or manual operation of rear defogger at the engine start when the outside air temperature is low.

*¹: When the defroster switch is pushed, automatically switch to refresh mode to prevent the window from fogging up even if the air conditioner is set to Manual.

*²: When the defroster switch is pushed, the air conditioner is automatically switched to ON mode to prevent the window from fogging even if the air conditioner is set to Manual.

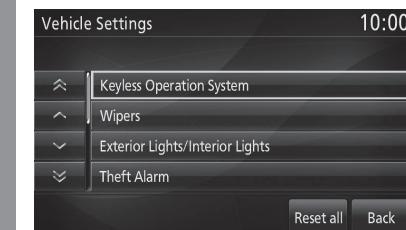
*³: During Eco driving, you may feel that the air conditioner does not work sufficiently because the operation of the air conditioner is controlled.

Others

Item	Settings content
Auto Fold Mirrors*	Sets door mirror automatic folding and extension.
Horn Answerback Sounds at Remote Engine Start*	Enables/disables the function that sounds the horn when the engine is started with the remote controller.
Auto Cut of ACC Power	Sets the duration ACC stays ON when the ignition switch is ACC.

Reset the Vehicle Settings

1 Execute up to Step 2 in “Vehicle Settings” (on page 220).



2 Touch **[Reset all]**.

3 Touch **[Yes]**.

The resetting of equipment setting is complete.

DAB Setting

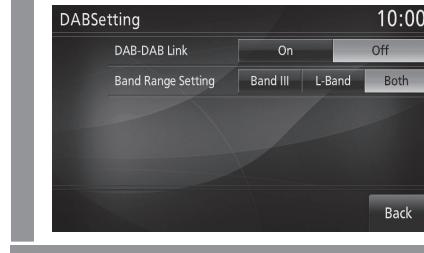
You can set broadcast station automatic tuning and the broadcast band used.(Only on vehicles that support this function)

1 On the DAB broadcast information screen, touch .

This displays the sub-menu.

2 Touch **[DAB Setting]**.

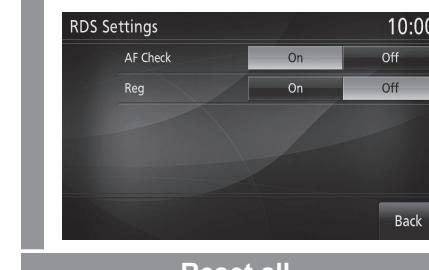
3 Set individual items.

**RDS Setting**

You can set broadcast station automatic tuning.
This may not be displayed depending on the region.

1 On the FM radio broadcast information screen, touch **[RDS Setting]**.

2 Set individual items.

**Reset all**

Allows you to reset all settings and recorded data to factory defaults.

1 Press the **[INFO/SET]** key.

This displays the Information menu.

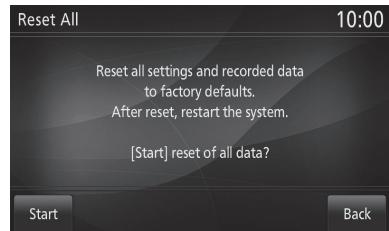
2 Touch **[Settings]**.

3 Touch **[>>]**.

4 Touch **[Reset all]**.

SETTINGS

5 Touch **Start**.



6 Touch **Start**.



The device is restarted automatically to complete the resetting.

Other

Troubleshooting

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

Other

Troubleshooting

Troubleshooting

If This Message Appears...

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

Message	Cause	Response
End of map coverage area	The map was scrolled to an area for which there is no map data.	Scroll the map back to where there is data.
Scale will be changed.	The centre of your car and cursor was moved from a location with a scale being set to a location without it. Or returned to a location where the scale is set.	-
No POI found.	A POI search was performed, but there is no POI in this product that matches the specified information.	Search using different conditions.
The program cannot be written to the map card. Check the map card that is in the map slot.	The map card is in the "Lock" state and cannot be written.	Take out the map card and unlock the "Lock".
Map data cannot be read. Check the map card that is in the map slot.	Map data cannot be read from the map card. No map card is inserted into the map slot. The map card has malfunctioned for some reason.	If the system does not recover after a few minutes, stop your vehicle in a safe location, then check if the MAP card is properly inserted. →"SD Cards" (on page 15) If this does not fix the problem, consult with your dealer. Insert the map card. →"Insert an SD Card" (on page 16) Consult with your dealer.

Audio Functions

Troubleshooting

Other

Troubleshooting

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 93)
	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.	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. (p. 07)
	This iPod software version is not correct.	Please use the latest version software.
This USB memory cannot be played.	Authentication failed.	Reconnect the USB device.
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/WAV)" (on page 94)
	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/WAV)" (on page 94)
	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.

Troubleshooting

Message	Cause	Response
The SD card in the user slot could not be written. Check the SD card.	The SD card in the user slot is in the "Lock" state and cannot be written.	Take out the SD card from the user slot and unlock the "Lock".

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.

Common

Symptoms	Cause	Response
The operation sound is not made.	The operation sound is set to [OFF].	Set the [Navi Voice/Others] "Beep Sound Volume" to [1] to [3]. →"Navi Voice/Others" (on page 201)
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. 209).
	The vehicle's battery voltage has dropped.	Charge or replace the battery.
	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.	Adjust the monitor brightness. →"Display Settings" (on page 219)
	The vehicle's lights are ON.	The factory default setting is that when the vehicle's lights are ON, the screen becomes dark. Press the  and change this setting. →"Information Menu" (on page 26)
	Day & night colours setting is "Set Night".	Press the  and change this setting. →"Information Menu" (on page 26)

Other

Troubleshooting

Navigation Functions

Troubleshooting

Symptoms	Cause	Response
The navigation function does not start.	No map card is inserted.	Insert the map card. →“Insert an SD Card” (on page 16)
	The wrong SD card is inserted.	Insert the special map card.
	There is a problem with the radio signals from the GPS satellite.	Please go on for a little while in the GPS receiving state.
	The vehicle moved by ferry or the like.	
	The vehicle's direction was changed by a turn-table in a parking garage or the like.	
	The speed learning level is low.	
	When this product is used for the first time, it takes a while to calculate the position of your car.	Wait in a location with a good view for a while.
	When this product has not been used for long time, it takes a while to calculate the position of your car.	
	A mirror type film or shade film that contains carbon is pasted onto the windscreen near the GPS antenna.	
	Some other antenna is near the GPS antenna.	Check the position of the GPS antenna (p. 28) and if another antenna may be the cause of the problem, move that other antenna.
	There is something on the GPS antenna.	Check the position of the GPS antenna (p. 28) and if something on the GPS antenna may be the cause of the problem, remove it.
	Immediately after the ignition switch is turned to ACC or ON, some functions cannot be used immediately after the map screen is displayed because data is being read in.	Please wait until the reading is completed.

Troubleshooting

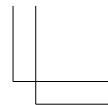
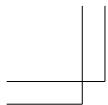
Symptoms	Cause	Response
Menu operation is not possible.	Immediately after the ignition switch is turned to ACC or ON, some functions cannot be used immediately after the map screen is displayed because data is being read in.	Please wait until the reading is completed.
There is no audio guidance.	The audio guidance volume is "OFF".	Set the [Navi Voice/Others] "Guidance Voice Volume" to [1] to [7]. →"Navi Voice/Others" (on page 201)
TMC messages cannot be received.	No TMC message has been received yet.	Wait in a location with a good view for a while.

Audio Functions

Symptoms	Cause	Response
There is no sound or quiet sound.	The volume is turned to its minimum.	Adjust the volume. →"Adjust Volume" (on page 89)
	The balance or fader is turned to one side.	Adjust the balance or fader. →"Balance/Fader" (on page 207)
	"Audio OFF".	Switch to "Audio ON". →"Switch Audio ON/OFF" (on page 89)
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.

Other

Troubleshooting



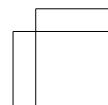
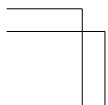
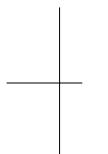
Troubleshooting

After the Car Battery Has Been Replaced

When the car battery is replaced, some of the memory contents are deleted.

Example: the set route

(The set destination and any waypoints are retained.)



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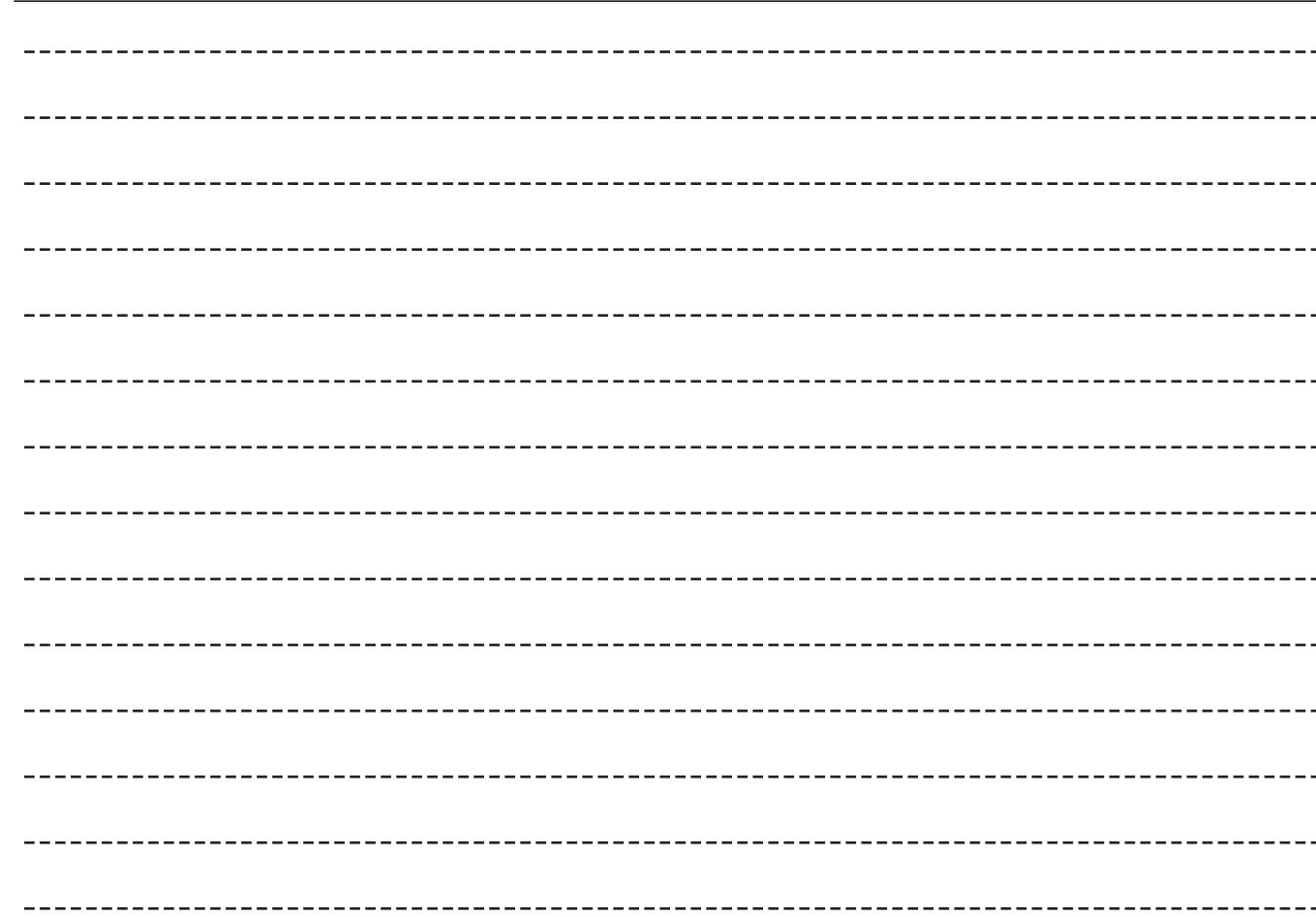
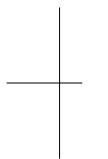
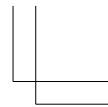
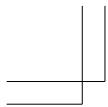
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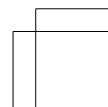
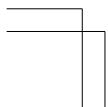
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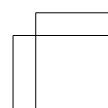
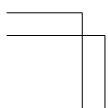
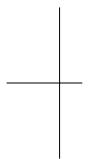
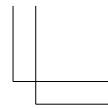
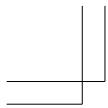
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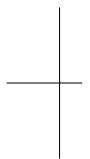
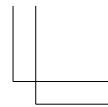
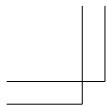


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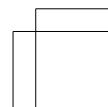
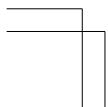


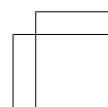
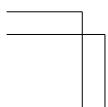
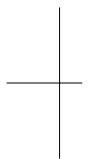
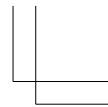
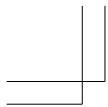


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