Mitsubishi Multi Communication System

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Cautions for use

E08100100012

⚠ *WARNING*

- **Do not operate the Mitsubishi Multi Communication System (MMCS) while driving.**
- **Always concentrate on your driving first. Keep your eyes and mind on the road. If distracted while driving, you could cause an accident.**
- **For operation of the system, do not have the engine running with the vehicle stationary in a garage or other enclosed, poorly ventilated place. You could be poisoned by exhaust gases**

⚠ *CAUTION*

- **Drive according to the actual traffic conditions. The MMCS gives guidance to arrive at the destination, but it cannot warn the driver of sudden dangers or potential damage.**
- **The route guidance of the MMCS may sometimes differ from the actual road conditions. Drive safely in accordance with the new road conditions or regulations.**
- **Do not look at the screen for a long time while driving, as it can cause an accident.**
- **Do not disassemble or modify, as it could cause malfunctions, smoke emissions or fire.**

NOTE

- For safety reasons, some functions are not possible to operate while driving.
- If an abnormality (e.g., water or foreign matter enters the MMCS or the MMCS emits smoke or an abnormal smell) occurs, do not use the MMCS. Have it inspected at an authorized Mitsubishi dealer. Do not continue to use the MMCS or try to repair it yourself.
- The following are characteristics of the LCD and are not malfunctions:
  - Small black spots or bright spots (red, blue, or green) on the screen.
  - When it is cold, the screen becomes darker or reddish or operations become slower.
  - Color and brightness vary according to the viewing angle.
- Use a clean soft cloth to wipe off any dirt from the screen. Do not use any cleaners (such as benzene, thinners, antistatic agents or chemical cloths), as they may damage the screen.
- Do not use the MMCS for an extended time while the engine is off, as it will discharge the vehicle battery.

Introduction

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Navigation System Basic Operation Reference Guide

E08100300014

1. Storing the Home Location
   → “When Storing Your Home” (p. 1-91)
2. Searching for the Destination
   Use one of the methods below to decide the destination.
   • Searching from the Map Screen
   → “Destination Setting for Scrolled Position” (p. 1-30)
   → “Destination Setting” (p. 1-67)
   • Searching from the Address
   → “Address/Junction” (p. 1-42)
   • Searching from the Points of Interest (POI) Name
   → “Points of Interest (POI) Name” (p. 1-52)
3. Arriving at the Destination
4. Going Home
   Go back to the stored home location.
   → “Go Home” (p. 1-58)
5. Deleting the Route
   → “Deleting the Route” (p. 1-86)

Adding an Intermediate Destination

Add an Intermediate Destination to be visited on the way to the destination.
→ “Adding an Intermediate Destination” (p. 1-81)

Deciding Locations to Store

Destinations and Intermediate Destinations can be easily selected if frequently visited locations are stored.
→ “Storing a New Location” (p. 1-87)
→ “Editing a Location” (p. 1-94)

Viewing the Route

The route to the destination can be viewed.
→ “Viewing the Route” (p. 1-70)

Deciding the Route Search Conditions

The route search for the destination can be changed.
→ “Showing the Route (3 Routes)” (p. 1-77)

Outline of the System

E08100400015

System

- Male or female voice guidance is available in 9 languages. (English, Francais, Deutsch, Nederlands*[1], Portugues, Espanol, Svenska, Italiano, Dansk)
- The schedule can be managed with the calendar function. (p. 1-244)
- DVDs can be played. (p. 1-218)
- Music CDs can be recorded and played using the Music Server. (p. 1-134, 1-160)

Easy Operation Setting

- Most settings are performed using the touch panel, enabling a direct operation feeling.

Destination Setting

- Addresses and nearby POIs can be easily searched for and set as the destination. (p. 1-42, 1-59)
- A route can be set for returning home. (p. 1-58)
- A new destination can be set from the 20 destinations that have been previously set. (p. 1-56)

Map Guidance

- POI icons can be displayed on the map. There are 40 POI icon types. (p. 1-292)
- The map colours can be changed. (p. 1-294)
- Markings can be displayed on the road on which the vehicle is being driven. (p. 1-295)

Routing

- Detour routes can be set with specified distances or streets to avoid. (p. 1-74)
- A route can be selected from 3 routes that have different calculation conditions. (p. 1-77)
- Areas to avoid can be set. (p. 1-303)

Voice Guidance

- Guidance is given for the required information at the optimum time. (p. 1-34)
- A male or female voice can be selected*[1]. (p. 1-285)

Vehicle information display (Available on OUTLANDER only)

- You can check or set driving information.
- You can check distance to empty, distance driven after refuelling, and driving time.

NOTE

- *[1]: Only a male voice is available for Dutch, and different dialects can be selected.

Parts Name and Functions

E08100500016

Roles of the Panel Operations Keys

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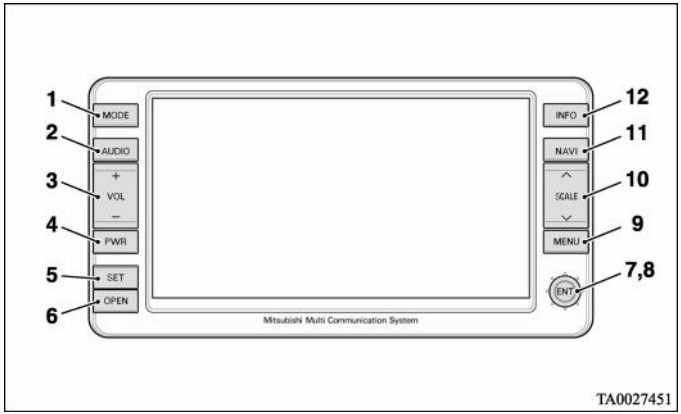

1- [MODE] Key
Displays the AV mode selection screen.
2- [AUDIO] Key
Switches between the AV screen and the NAVI screen.
3- [VOL] Key
Adjusts the AV volume.
4- [PWR] Key
Turns ON and OFF the AV functions.
5- [SET] Key
Displays the Settings screen.
6- [OPEN] Key
Opens and closes the monitor panel.
7- [ENT] Key
Implements the selected item. For some operations, touching and implementation are performed simultaneously.
8- Joystick
Scrolls the maps and implements item selection.
9- [MENU] Key
Displays the Navi menu screen.
10- [SCALE] Key
Changes the map scale.
11- [NAVI] Key
Displays the current location screen.
12- [INFO] Key
Displays the Info screen.

Role of the Steering Switch

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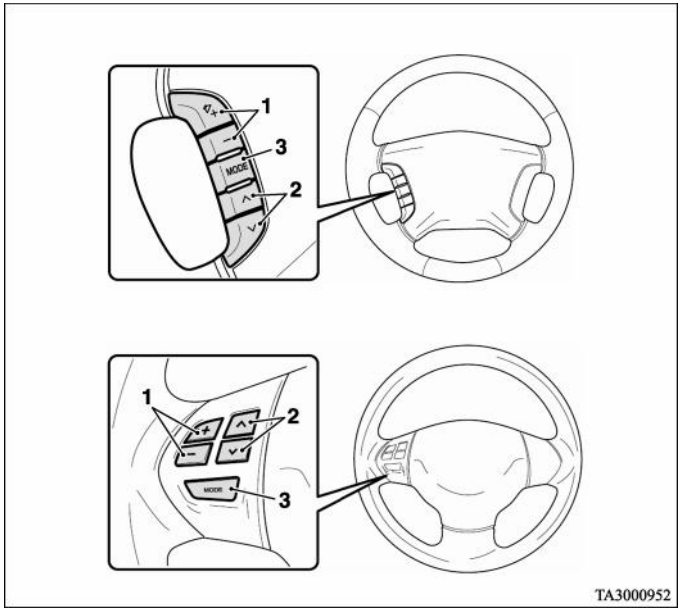


1- [+], [-] Key
Adjust the volume during audio function playback.

2- [⌄], [⌃] Key
Move up and down radio stations, move to the next or previous track during CD playback, and moves to the next or previous chapter during DVD playback.

3- [MODE] Key
Toggles the AV mode each time this key is pressed.

GPS Measurement

E08100800019

GPS

GPS is the acronym for Global Positioning System, a system developed and operated by the USA.
The system uses GPS satellites that orbit the Earth in space at an altitude of approximately 20,000 km. Electromagnetic waves from at least three of these satellites are received on the Earth by the system, making it possible to learn the current position.

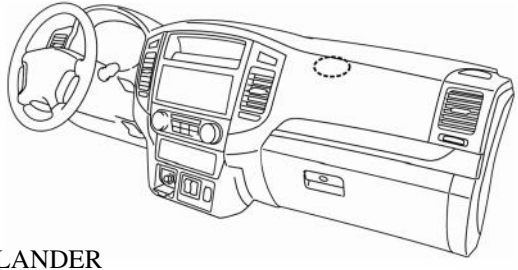
Map Matching

When traveling with just the GPS, there may be errors in the current position display. In such case, “map matching” is the function that compensates for this error by assuming that vehicles travel on roads and placing the current position on a nearby road.

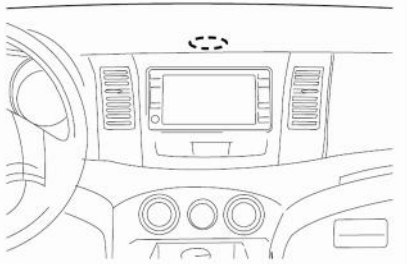
GPS antenna position

The position of the vehicle is determined from the weak electromagnetic waves from GPS satellites received by the GPS antenna.

PAJERO



OUTLANDER



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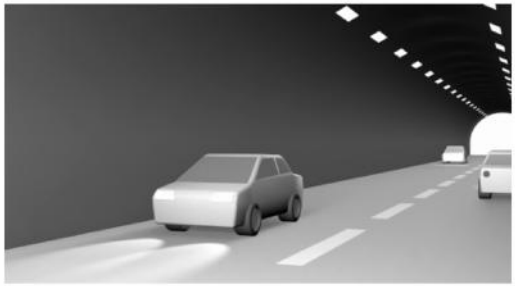
NOTE

- Since it may not be possible to accurately display the vehicle position if the electromagnetic waves from the GPS satellite are blocked, be sure to obey the following.
- Do not attach reflective-type films or films containing carbon to the window glass.
- Do not place objects on top of or close to the GPS antenna.
- Do not use 1.5 G digital communication equipment, personal computers, etc. near the GPS antenna.

Situations where accurate measurement is not possible

- Inside a tunnel or indoor parking area



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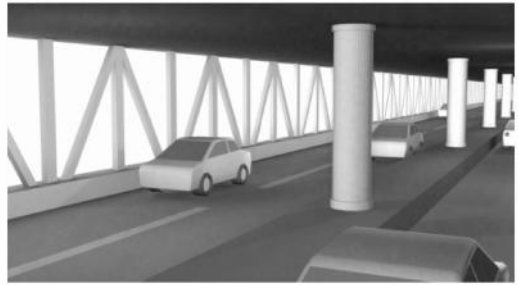
- Under a two-tier motorway



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- Area with many high-rise buildings

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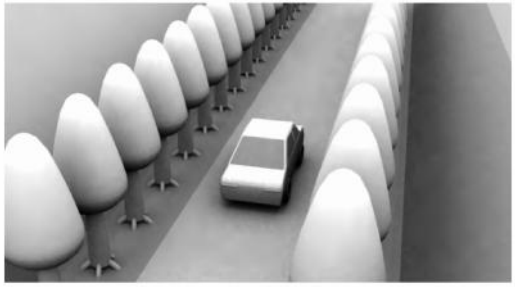
● Between closely-spaced trees



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The US Tracking and Control Centre controls the satellites. Sometimes the electromagnetic waves are stopped during upgrades or repairs to the system.

NOTE

● Do not block the electromagnetic waves, from GPS satellites by placing objects on or around the GPS antenna.
● Avoid using 1.5 G digital communication equipment close to the GPS antenna. Doing so may make it impossible to accurately measure position.

Situations where errors occur in the current location and direction

● Errors sometimes occur when the accuracy of the GPS satellite unit is poor.
● The GPS satellites are controlled by the United States Department of Defense, so sometimes the satellite itself intentionally sends incorrect position data. The measurement error will increase in this kind of situation.
● Sometimes sufficient accuracy is not possible because the distribution of the GPS satellites is poor (when the satellites are aligned in approximately the same direction or height). (The best accuracy for GPS measurement is when signals are received from multiple satellites; a satellite directly over the vehicle and others just over the horizon to the north, south, east and west.)
● Regarding the height and directional accuracy of GPS measurement, errors are slightly more likely in the horizontal direction.
● Electromagnetic waves from satellites higher than the vehicle height can be received, but electromagnetic waves cannot physically be received from satellites positioned lower than the vehicle height (on the far side of the Earth). This means that an adequate height comparison is not possible.

3D Measurement

When valid electromagnetic waves can be received from at least four GPS satellites, the 3D positions of latitude, longitude and height are calculated.

2D Measurement

When valid electromagnetic waves can only be received from three or less GPS satellites, the height is assumed to be unchanged from the previous measurement and the 2D positions of latitude and longitude are calculated. If this happens, the accuracy of the position is less than the 3D measurement.

No Measurement

If no valid electromagnetic waves can be received from the GPS satellites, there is no measurement.

Error in the Current Location

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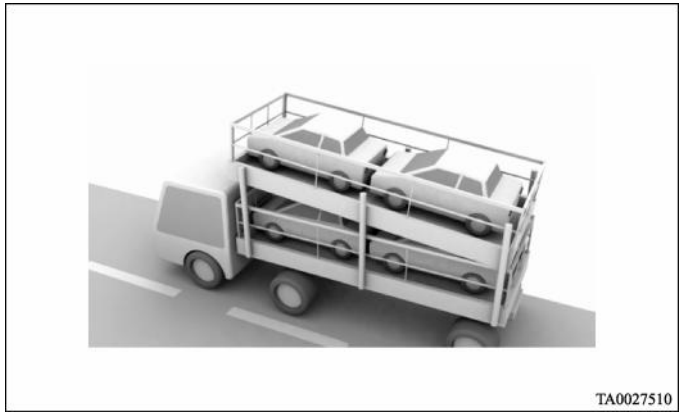
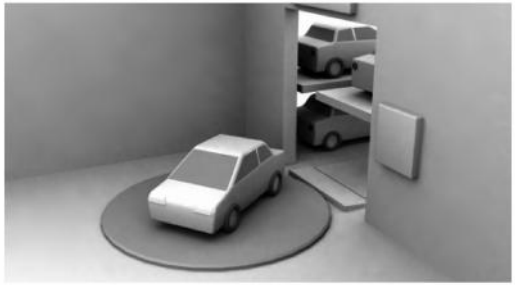
In situations such as the following, the current location may not be correctly displayed.

- Vehicle was moved without it being driven (for example when transported on a ferry or trailer)



- Vehicle direction was changed without turning on the engine (for example on a turntable in a parking area)



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- When driving on roads with elevation differences, such as mountain roads with steep inclines

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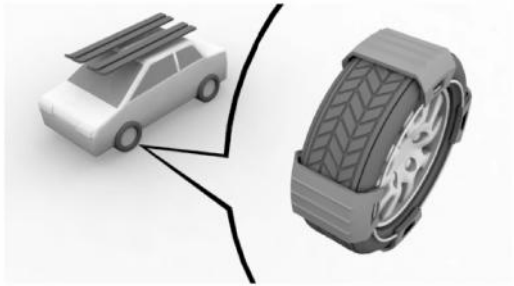
- After replacing the tyres or chains



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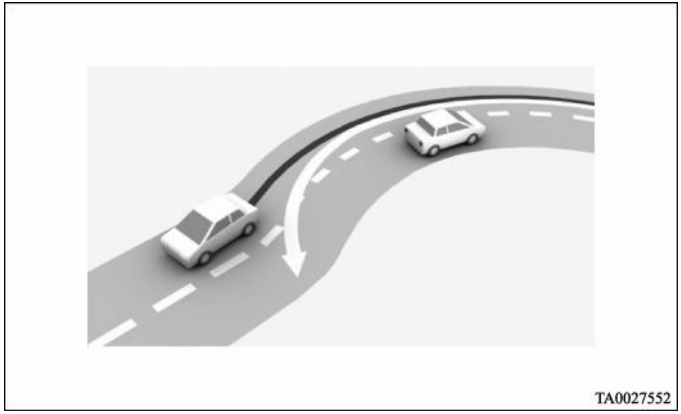
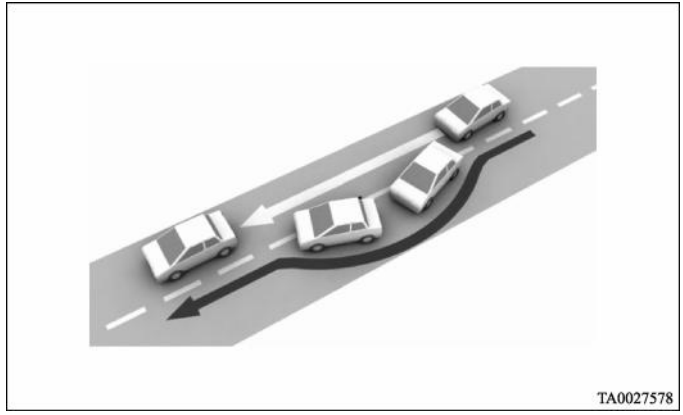
● When driving on roads that continue for a long time in a straight line or gentle curve (for example motorways)

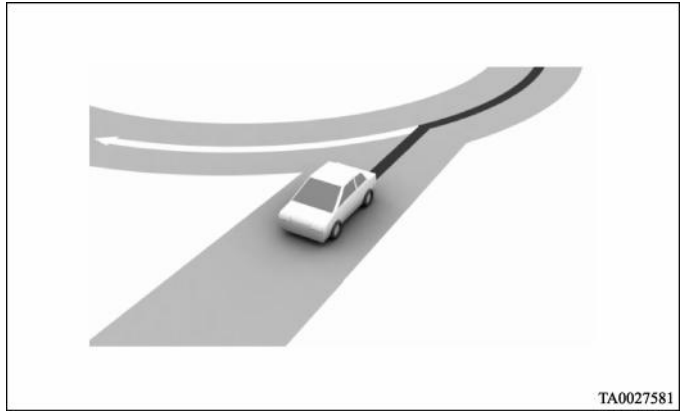


● When driving around tight hairpin corners

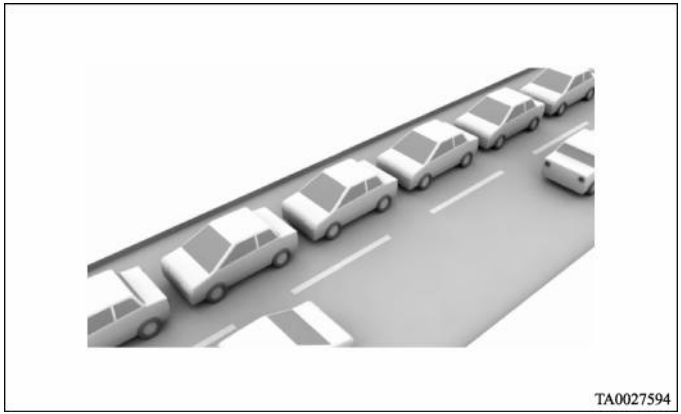
● When meandering on wide roads



● When driving on Y-shaped roads

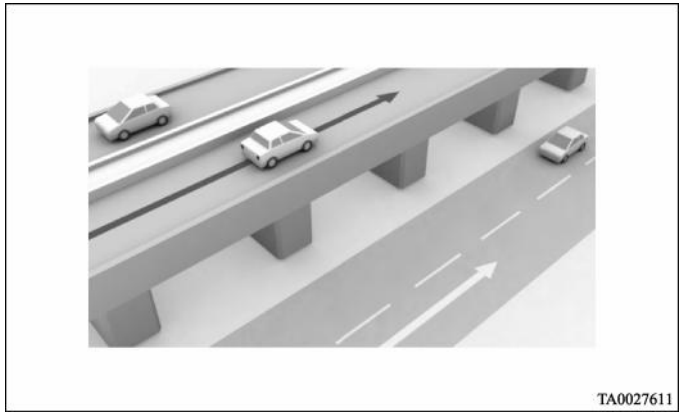


● When starting and stopping frequently at low speed, such as in a traffic jam

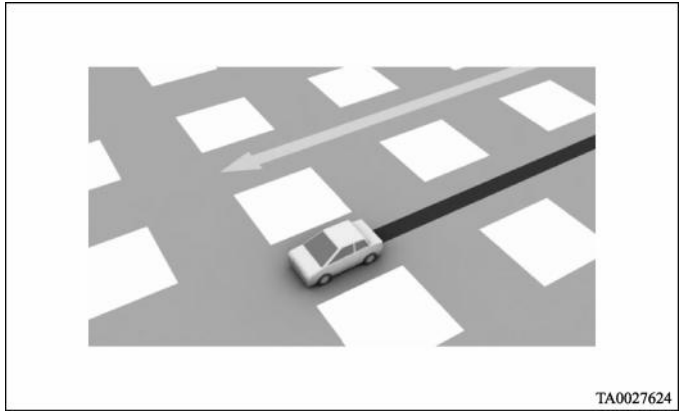


● When driving on snowy or unpaved roads

● When driving on roads parallel to others

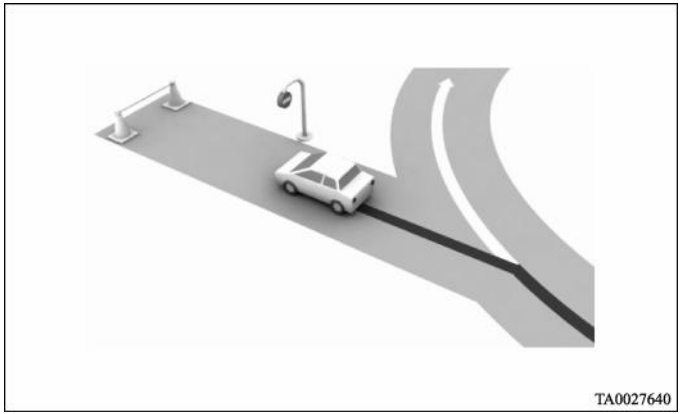


● When driving on grid-shaped roads

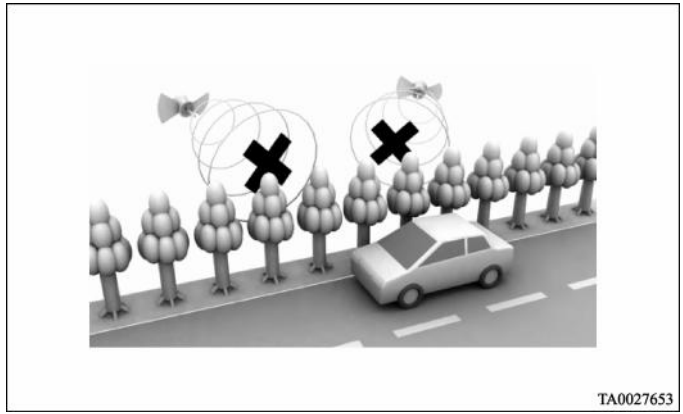


- When driving on a road that turns around in the same direction, such as a loop-shaped bridge or interchange

- When driving on roads where map data is not available



- When GPS measurements could not be made for a long time



Route Calculation

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- The most up-to-date road information and regulation data possible have been used for the maps and information used in this system. However, subsequent road changes may cause the information to differ from the actual conditions, and inappropriate guidance may be given. Be sure to drive according to the actual traffic conditions.
- Not all roads are subject to the recommended route guidance.
- The calculated route is only one example of a road that reaches the destination, which the system calculated by taking into account road types and traffic conditions. It is not necessarily always the best route.
- Not all ferry routes are necessarily stored in the data. Further, even if ferry routes are prioritized they are not necessarily used in the route.
- The route selection is a comprehensive judgement based on factors such as the road type, distance and road width, but this does not mean that the best route is always selected. Think of the route as only one example of many possible routes.
- The route guidance is performed for the roads subject to the route guidance that are the nearest to the destination or Intermediate Destination. For this reason, an inappropriate route may be displayed if the set route includes a location where many roads are concentrated together, such as at an interchange. Further, if the destination or Intermediate Destination becomes far away from the junctions of roads subject to the route guidance, a route may be displayed that passes the destination or Intermediate Destination.
- Traffic lanes in both directions are separately input for wide roads or roads with central dividers. If a destination (Intermediate Destination) is set in this kind of position, a route may be selected that passes and then returns to the destination (Intermediate Destination).
- The first guidance location is the road nearest to the starting position (vehicle).
- The final guidance location is the road nearest to the location set as the destination.
- If while driving along route seems very indirect, it is possible that a route has been set in the direction opposite to the current vehicle direction.
- The guidance route may result in the vehicle being on the opposite side of a river or station from that which is desired. If this happens, move the destination near to the desired road.
- Sometimes it will not be possible to avoid toll roads or ferry routes, when there are no other suitable routes.
- If three recommended routes do not exist, the same route may be repeated.
- Sometimes the enlarged junction map will not be displayed immediately after the route calculation, or due to other conditions.

Gracenote Music® Recognition Service[SM]

E08101100019

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Basic Operations

E08101200010

Starting the MMCS

E08101300011

1

⚠ *CAUTION*

- **When parking the vehicle to operate the system, park in a safe location and do not stop in no-stopping zones.**
- **Do not use for a long time while the engine is off. Depending on the condition of the battery, it could make it impossible to start the engine.**

1. Turn "ON" the ignition switch. The opening screen is displayed.
   If any function other than AUDIO was used last time, go to Step 2.

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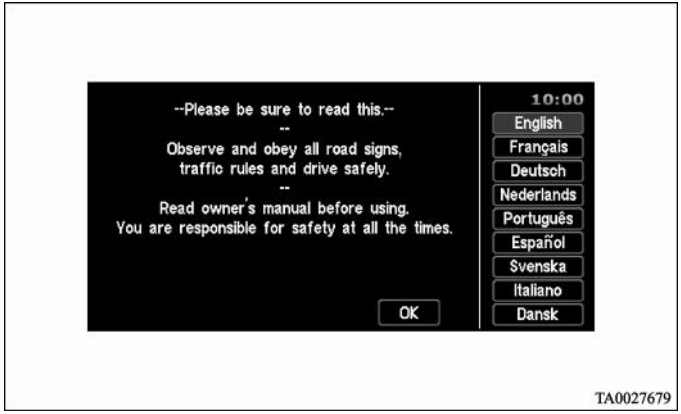
NOTE

- If special days and anniversaries (p. 1-244) have been set, when the date matches the settings, the set icon is displayed on screen.

2. Touch the desired language.



3. Touch [OK]. After a moment, the display is changed to the navigation screen.

Operation Instructions

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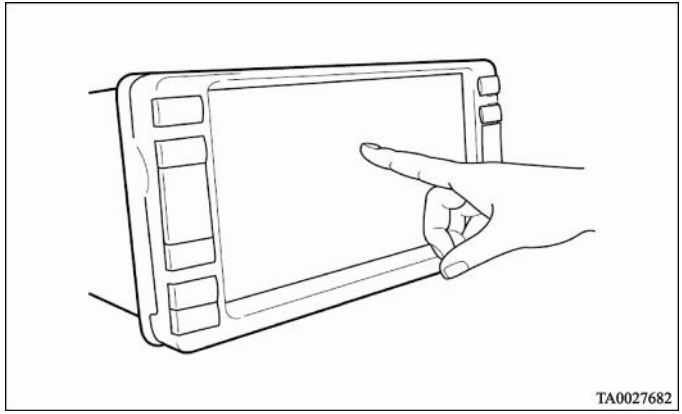
With this navigation system, operations can be performed by pressing the panel keys or touching the screen buttons.
Operate the screen by touching lightly with a fingertip.



⚠ *WARNING*

- **While driving, do not perform complicated operations or concentrate on the screen. Failure to pay attention to the road ahead may cause traffic accidents. Have a front seat passenger perform the operations, or stop the car in a safe location before operating.**

NOTE

- Do not touch the screen with wet hands or press it with hard, sharp objects, as this may cause malfunction.

The Screens in this Manual

The screens described in this manual are for explanation. They may be different from actual screens, and their operation may also be different.

Lists

E08101500013

This section explains the list operation buttons when a list has been displayed.

	Scrolls forward through a list one line at a time.
	Scrolls forward through a list one page at a time.
	Scrolls back through a list one line at a time.
	Scrolls back through a list one page at a time.

Menu Screens

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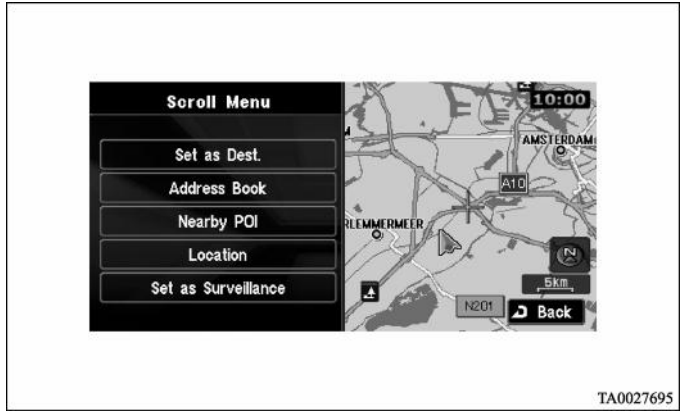
Scroll Menu

E08101700015

After scrolling the map, press the [ENT] key to display.



[Set as Dest]

Sets the cursor position as the destination.
→ “Destination Setting for Scrolled Position” (p. 1-30)

[Address Book]

The cursor position can be stored in the address book.
→ “Storing a New Location” (p. 1-87)

[Nearby POI]

POI can be searched for in the vicinity of the cursor position.
→ “Nearby POI” (p. 1-59)

[Location]

The positional relationship between the cursor position and the current location can be viewed.
→ “Viewing the Car Location” (p. 1-30)

[Set as Surveillance]

The cursor position can be stored and traffic information can be checked.
→ “Set as Surveillance Map” (p. 1-103)

Navi Menu

E08101800016

Press the [MENU] key to display.

[Address/Junction]

The location can be searched for using the address or street name of the destination.
→ “Address/Junction” (p. 1-42)

[POI Name]

The location can be searched for using a POI name.
→ “Points of Interest (POI) Name” (p. 1-52)

[Advanced Search]

An Advanced search is possible based on the POI search.
→ “Advanced Search” (p. 1-58)

[Previous 20]

A new destination can be set from the 20 destinations that have been previously set.
→ “Previous 20” (p. 1-56)

[Address Book]

A previously stored location can be called up and set as the destination.
→ “Address Book” (p. 1-57)

[Go Home]

A route can be set for returning home.
→ “Go Home” (p. 1-58)

[Navigation Settings]

Various functions related to the navigation can be set.
→ “Settings” (p. 1-269)

[Navigation Tools]

The Demo of the set route and basic information related to the navigation can be viewed.
→ “Start Demo” (p. 1-85)

Route Menu

E08101900017

Touch [Route] on the current location screen to display. The route can be viewed or edited.

NOTE

- The [Route] button is displayed when a destination has been set.

TA0027712

[Detour]

The route can be changed to one that detours a specified area.

→ “Detour” (p. 1-74)

[Itinerary]

The destination position can be changed, a Intermediate Destination can be added, and the route calculation conditions can be changed.

→ “Editing the Route (Itinerary)” (p. 1-76)

[View Route]

The route can be viewed using various methods.

→ “Viewing the Route” (p. 1-70)

[Delete Route]

Deleting a created route.

→ “Deleting the Route” (p. 1-86)

[Nearby POI]

POI can be searched for in the vicinity of the current location.

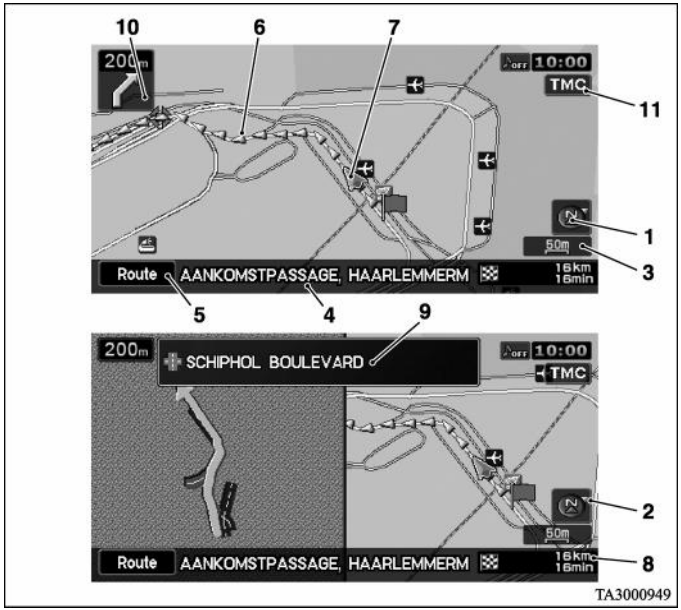
→ “Nearby POI” (p. 1-59)

Map Screen

E08102000015

The current position of your vehicle is displayed on the "Current Location Screen".

Current Location Screen



1- Orientation Mark
Shows the orientation of the displayed map.

2- Destination/Intermediate Destination Direction Icon
Shows the direction to the destination or Intermediate Destination. Only displayed when a route has been set.

3- Map Scale
Shows the scale of the displayed map.

4- Street Name
Displays the name of the street currently being travelled.

5- Route
Displays the Route Menu.

6- Guidance Route
When a route is set, shows the route to the destination.

7- Vehicle Mark
Shows the position of the vehicle being driven.

8- Destination/Intermediate Destination Information
When a route is set, shows the distance and time to the destination or Intermediate Destination.

9- Direction Box
When a route is set, displays the route number or street name of the next street to turn onto.

10- Maneuver Icon
When a route is set, displays whether to turn left or right at the next intersection of the guidance, and the distance to this intersection.

11- TMC Icon
Displays traffic information such as traffic jams, construction, etc. When icon is touched, detailed information for the TMC symbol displayed on the map can be checked.

Changing the Map Display

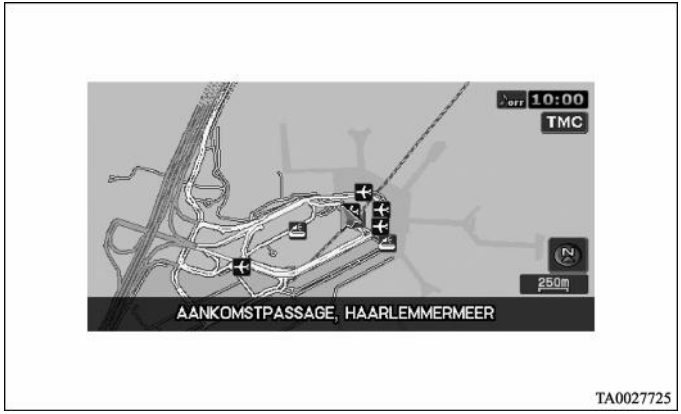
E08102100016

Changing the display method of the map screen.

Displaying the Current Location Screen

E08102200017

Press the [NAVI] key. The current location screen is displayed.



Changing the Scale

E08102300018

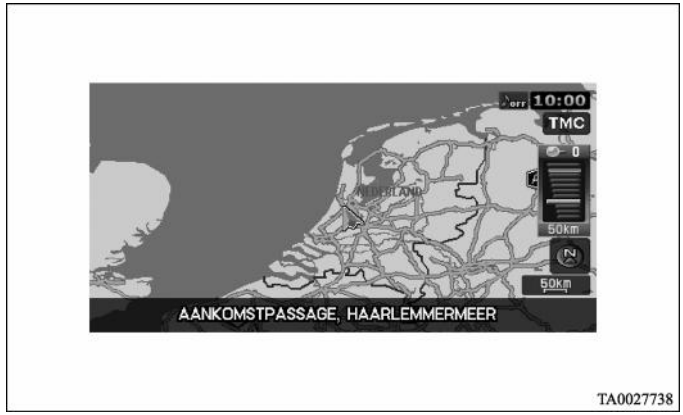
The scale of the map display can be changed with in a range of 50 m (1/32 miles) to 100 km (60 miles).

NOTE

- The scale display unit can be changed from “km” to “mile”. Refer to “Unit” (p. 1-284).

One Map Mode

1. To display a wider area, press the [^ SCALE] key. A wider area can be viewed each time the [^ SCALE] key is pressed.



2. For a detailed display, press the [SCALE ⌄] key. A more detailed area can be viewed each time the [SCALE ⌄] key is pressed.

TA0027741

NOTE

- Press and hold the [⌃ SCALE] key or the [SCALE ⌄] key to change the scale using smooth zoom.

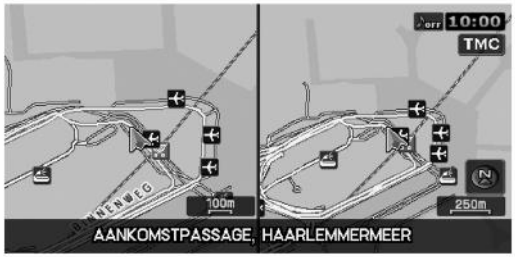
Two Maps Mode

When two maps are displayed, the left and right screens can be changed to different scales. The scale of the right map is changed with the same operations as when there is only one map. This section explains how to change the scale of the left map.

NOTE

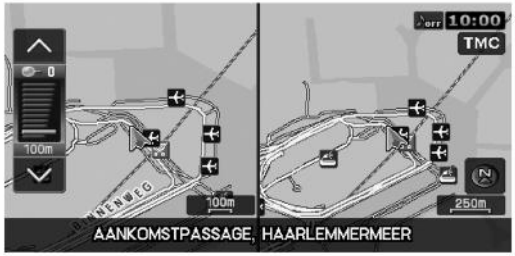
- Two maps are displayed only when Guidance Mode is set to Guidance Map. Refer to “Guidance Mode” (p. 1-299).

1. Touch the map section of the left map.



TA0027754

A scale bar is displayed.



TA0027767

2. Touch [^] to display a wide area. A wider area can be viewed each time [^] is touched.

TA0027770

3. Touch [v] to display a detailed area. A more detailed area can be viewed each time [v] is touched.

NOTE

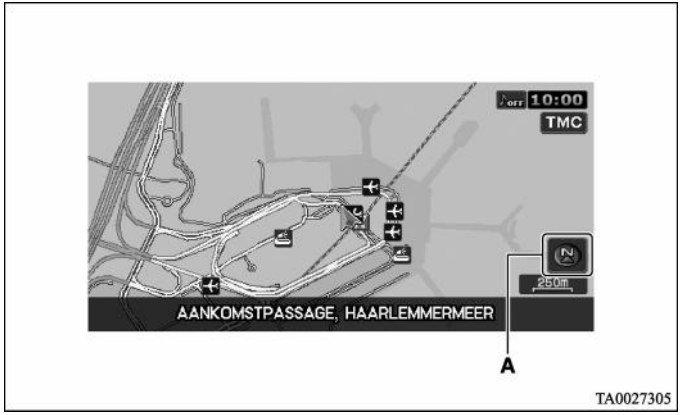
- Perform these operations while the scale bar is being displayed.
- Touch and hold [^] or [v] to change the scale using smooth zoom.

Changing the Map Orientation

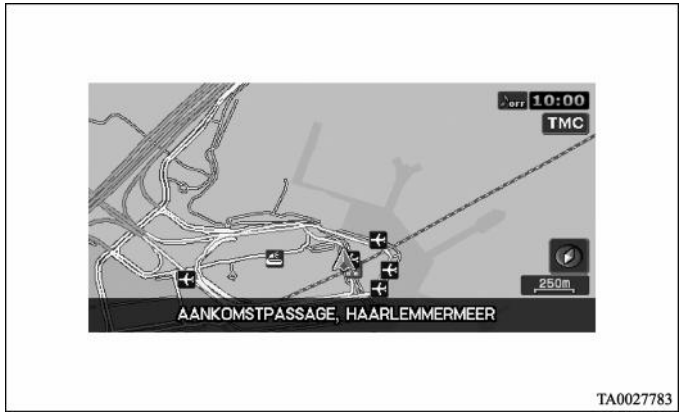
E08102400019

The map orientation can be changed according to various conditions.
Touch the orientation mark (A). Each time the orientation mark is touched, the map orientation is changed in the sequence "North-Up" → "Heading-Up" → "Auto".

North-Up



Heading-Up



Map Orientation

Mark	Name Display	Contents
(Red)	North-Up	The vehicle mark is rotated so that the north of the map is always facing the front (up).
(Red)	Heading-Up	The map is rotated so that the vehicle is always facing the front (up).
(Blue) or (Blue)	Auto	"Heading-Up" or "North-Up" is selected automatically, depending on the map scale. "Heading-Up" is selected for a scale of 100 m (1/16 miles) or less, and "North-Up" is selected for a scale of 250 m (1/8 miles) or more.

During Two Maps Display

When two maps are displayed, the left and right maps are linked together, with either "Heading-Up" or "North-Up" selected for both. However, when "Auto" is set, different orientations can be selected for the left and right maps, depending on the scale.

Scrolling the Map

E08102500010

The map can be scrolled to search for a location to view.
Move the joystick in the direction to be viewed.

TA0027796

The map is scrolled.

TA0027800

NOTE

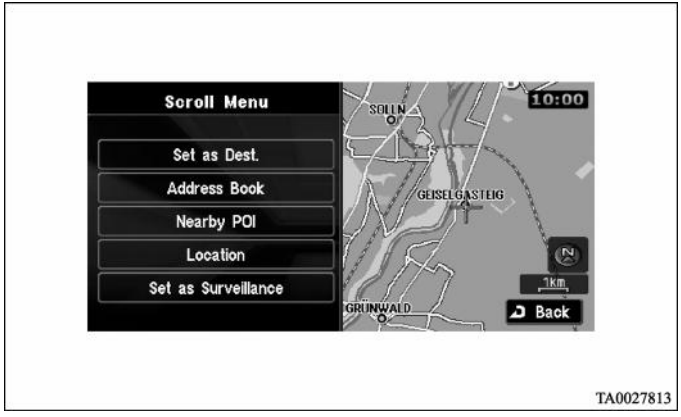
- When Two Map is set, during scrolling One Map display is shown at the scale selected for the right-side screen.

Destination Setting for Scrolled Position

E08107700017

The position reached with the map scroll can be set as the destination.

1. Scroll the map and place the cursor on the desired location, and press the [ENT] key. The scroll menu screen is displayed.



2. Touch [Set as Dest.]. Refer to “Setting as Destination” (p. 1-67).

NOTE

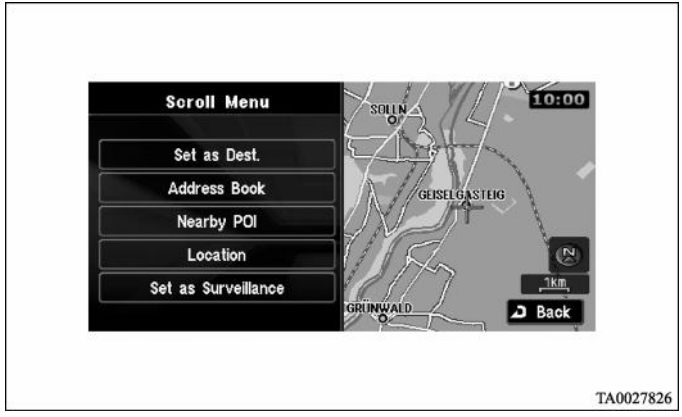
- Touch [Address Book] to store the cursor position. Refer to “From the Scroll Menu” (p. 1-88).
- Touch [Nearby POI] to search for POI (Points of Interest) in the vicinity of the cursor position. Refer to “Nearby POI” (p. 1-59).

Viewing the Car Location

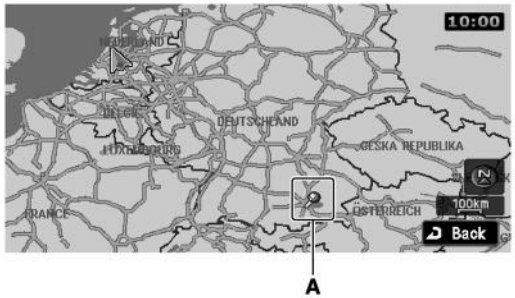
E08107800018

The positional relationship between the current location and the position reached with the map scroll can be viewed.

1. Scroll the map and place the cursor on the desired location, and press the [ENT] key. The scroll menu screen is displayed.



2. Touch [Location]. The positional relationship between the current location and the cursor position (A) can be viewed.



TA0027318

Junction Guidance

E08102600011

An enlarged junction map is displayed when an junction is approached.
The guidance mode can be changed with the settings.

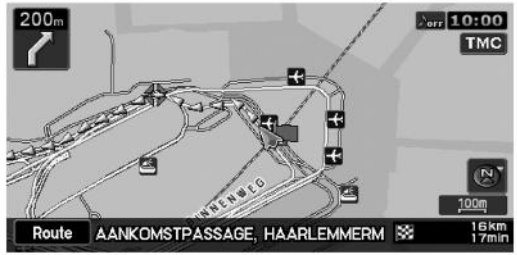
NOTE

- Refer to “Guidance Mode” (p. 1-299) for details on how to change the guidance mode.

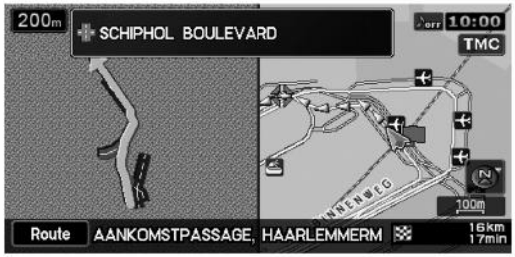
Guidance Map

E08102700012

The screen changes from the normal map screen to the junction guidance map.



TA0027839



TA0027842

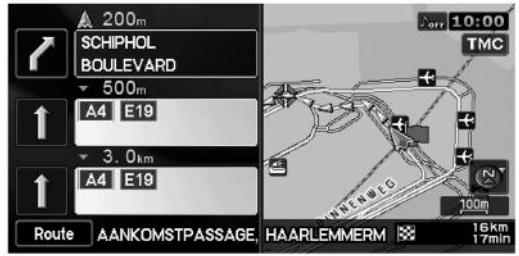
NOTE

- If there is a ferry section on the route, a ferry mark will be displayed on the guidance map, etc.

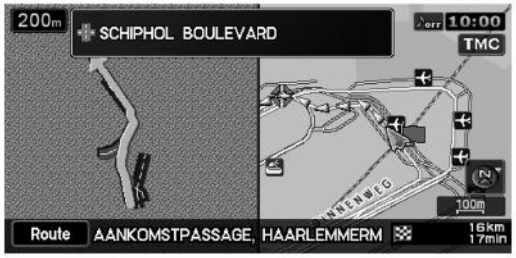
Turn List

E08102800013

The screen changes from the turn list to the junction guidance map.



TA0027855



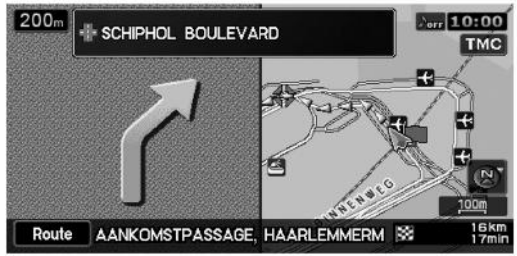
TA0027868

NOTE
- If there is a toll booth on the route, a Toll Booth mark will be displayed.
- If there is a ferry section on the route, a Ferry mark will be displayed on the guidance map, etc.

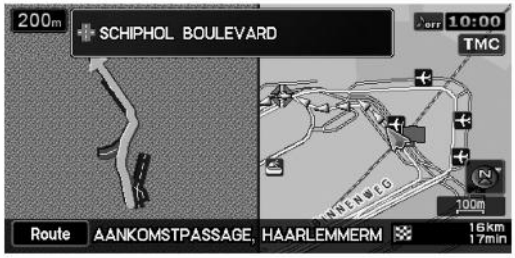
Arrow Guide

E08102900014

The screen changes from the arrow guide to the junction guidance map.



TA0027871



TA0027884

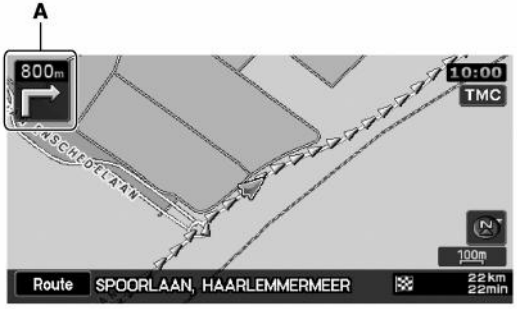
NOTE

- If there is a ferry section on the route, a ferry mark will be displayed on the guidance map, etc.

Listening to the Voice Guide

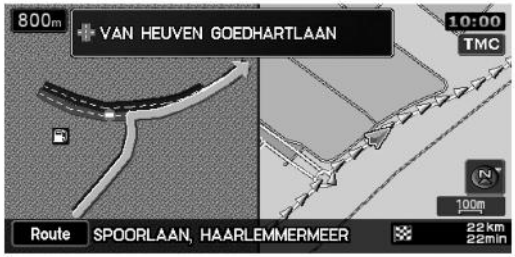
E08103000012

Use the voice guide when you want to know the distance to the next junction on the route, and which way to turn.
Normally the voice guide comes on automatically when approaching an junction, but the voice guide can be activated at any time with the following operation.
Touch the Maneuver Icon (A).



TA0027321

The junction guidance map is displayed, and voice guidance is performed.



TA0027897

NOTE

- The voice guidance volume and male or female voice selection can be changed. (Only a male voice is available for Dutch, and different dialects can be selected.) Refer to “Other Settings” (p. 1-285).

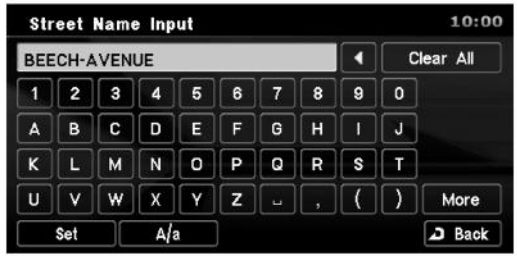
How to Enter Text

E08103100013

When searching for a stored location by name or address, the letter input keyboard will be displayed.
Depending on the function, uppercase letters, lowercase letters, and symbols can be input.

NOTE

- The examples in this section all show the screen for editing stored locations, but operations for other input keyboards are performed in the same way.
- The keyboard layout can be switched between Alphabet and PC. Refer to “Keyboard Layout” (p. 1-285).

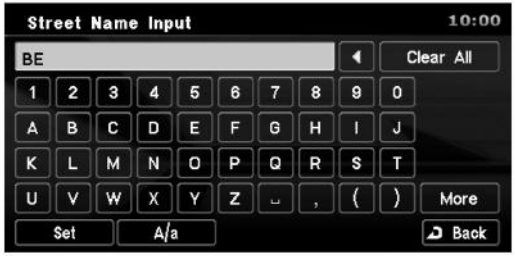


TA0027901

Entering a letter

E08103200014

1. Touch the letters. The touched letters are input.



TA0027914

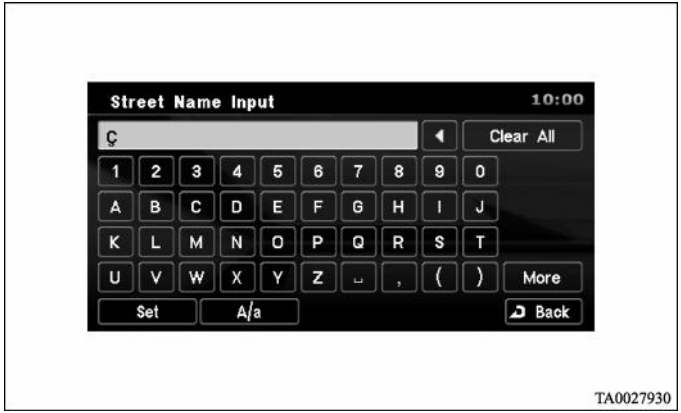
Entering a Symbol

E08103300015

1. Touch [More].
2. Touch the symbols.

TA0027927

The touched symbols are input.

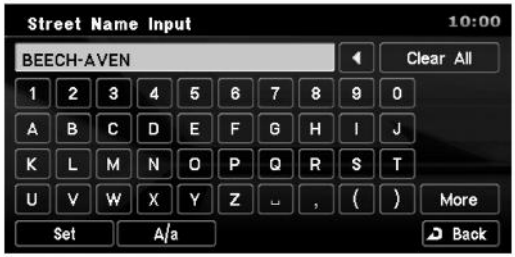


Deleting Text

E08103400016

1. Touch [◀].

The letters are deleted one by one.

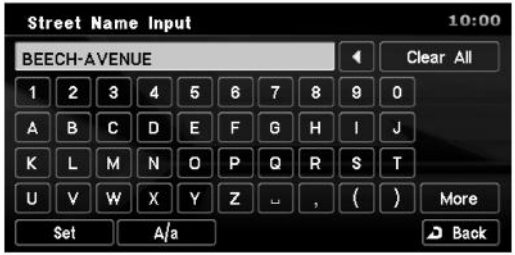


TA0027956

Clear All Text

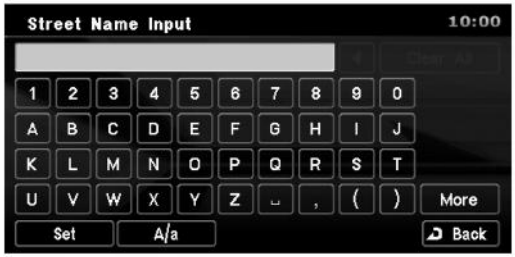
E08107600016

1. Touch [Clear All].



TA0027969

All the input letters are deleted.

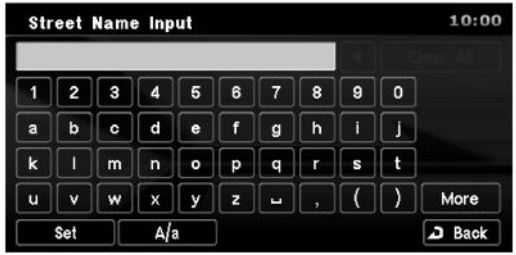


TA0027972

Switching between Large and Small Caps

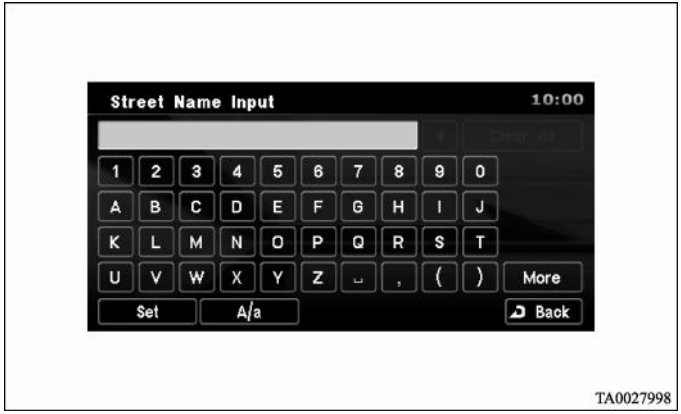
E08103500017

1. Touch [A/a]. The letter changes to lower case.



TA0027985

2. Touch [A/a] again. The letter returns to upper case.



Completing the Input

E08103600018

Touch [Set]. The input letters are set, and the screen returns to the original display.

Destination

E08103700019

Navigation operations start with the location search.
If a map of the destination can be displayed, the route to the destination can be set and the location can be stored in the address book.
The following search methods are available to search for locations according to various conditions.

Basic Method

Address/Junction (p. 1-42)
Used when the address or street name of the destination is known.

Points of Interest (POI) Name (p. 1-52)
Used when the name of the desired POI is known.

Previous 20 (p. 1-56)
A new destination can be set from the 20 destinations that have been previously set.

Address Book (p. 1-57)
If a location has already been stored in the address book, it can be called up and set as the destination.

Go Home (p. 1-58)
If the home location has already been stored, the route to go home can be set.

NOTE
● “POI” = Points of Interest

Advanced Search

Nearby POI (p. 1-59)
Searching for POI in the vicinity of the current location.

POI along Route (p. 1-61)
Searching for POI along the set route.

POI by Dest./Intermediate Destination (p. 1-61)
Searching for POI in the vicinity of the set destination/intermediate destination.

POI along a Street (p. 1-62)
Searching for POI along a specified street.

POI by Motorway (p. 1-64)
Searching for POI along a motorway or in the vicinity of the exit. Can only be used when driving on a motorway.

Map Point (p. 1-66)
Searching for a location by scrolling the map.

Return Trip (p. 1-66)
The starting position when setting a route can be set as a new destination.

Latitude/Longitude (p. 1-66)
The destination can be set by specifying the latitude/longitude.

Basic Method

E08104000019

The basic method of searching for a location.

Press the [Menu] key. The Navi menu is displayed.

1

Address/Junction

E08104100010

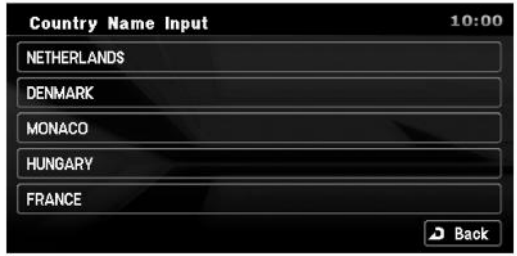
Used when the address or street name of the destination is known.

1. Display the Navi Menu and touch [Address/Junction].
2. Touch the “Country” button.

TA0028025

NOTE

- The name of country that was previously set is displayed in the “Country” button.
- One of the five most recently selected countries can be selected by touching [Last 5] of “Country”.



TA0028038

3. Input the country name. Refer to “How to Enter Text” (p. 1-35).

TA0028041

NOTE

- If there is only one candidate when a character is input for the country name, go to step 4.
- If there are five candidates or less when a character is input for the country name, a list is displayed and a country can be selected from the list.
- Touch [List] to select a country from the list.

TA0028054

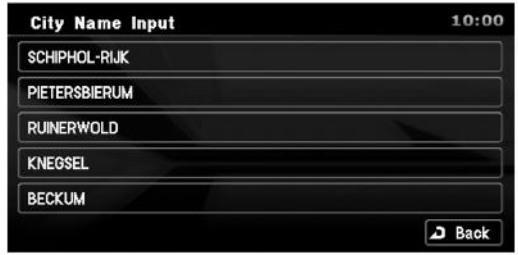
1

4. Touch the “City” button.

TA0028067

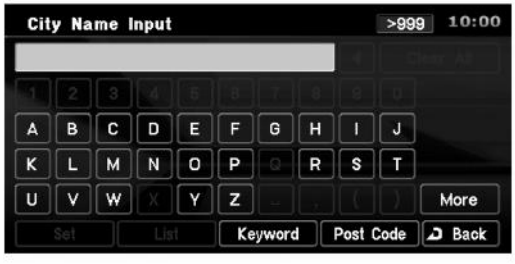
NOTE

- One of the five most recently selected cities from the corresponding country can be selected by touching [Last 5] of “City”.



TA0028070

5. Input the city name. Refer to “How to Enter Text” (p. 1-35).



TA0028083

NOTE

- If there is only one candidate when a character is input for the city name, go to step 6.
- If there are five candidates or less when a character is input for the city name, a list is displayed and a city can be selected from the list.

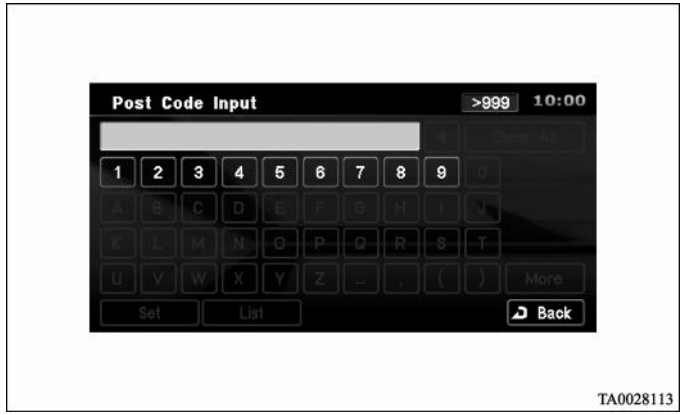
- Touch [List] to select a city from the list.

TA0028096

1

● Touch [Keyword] to display only the city names that include the input letters. The city can then be selected from this list.

● Touch [Post Code] to input the post code and specify the address. Note that [Last 5] is not stored for the post code.



● If there is only one candidate when a character is input for the post code, go to step 6.
● If there are five candidates or less when a character is input for the post code, a list is displayed and a post code can be selected from the list.

● Touch [List] on the “Post Code Input” screen after inputting a character to display only the post codes that start with the input character. The post code can then be selected from this list.

TA0028126

6. Touch the “Street” button.

NOTE

● One of the five most recently selected streets from the corresponding country and city can be selected by touching [Last 5] of “Street”.

7. Input the street name. Refer to “How to Enter Text” (p. 1-35).

TA0028139

NOTE

- If there is only one candidate when a character is input for the street name, go to step 8.
- If there are five candidates or less when a character is input for the street name, a list is displayed and a street can be selected from the list.
- Touch [List] to select a street from the list.

TA0028142

- Touch [Keyword] to display only the street names that include the input letters. The street can then be selected from this list.

TA0028155

8. Touch [Set]. Refer to “Destination Setting” (p. 1-67).

TA0028171

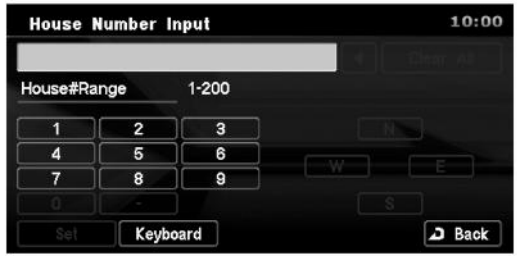
NOTE

- The house number or junction name can then be specified to set a more detailed address. Both cannot be specified.
- Touch [All House Numbers] to set a detailed address by inputting the house number. Refer to “House Number Input” (p. 49).
- Touch [All Junctions] to set a detailed address by inputting the junction name. Refer to “Junction Input” (p. 1-51).

House Number Input

The house number can be input to set a detailed address.

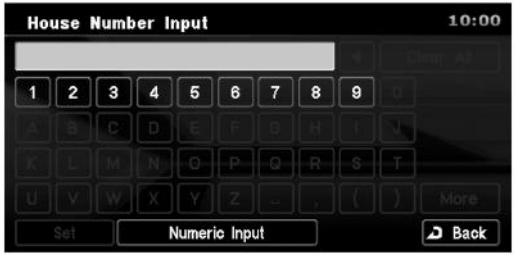
1. Input the “Country”, “City” and “Street” in “Address/Junction” (p. 1-42).
2. Touch the “House #” button.
3. Input the house number. Refer to “How to Enter Text” (p. 1-35).



TA0028184

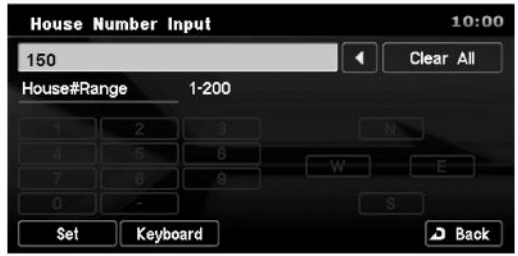
NOTE

- Letters can also be input by touching [Keyboard]. Touch [Numeric Input] to return to the original numeric input screen.



TA0028197

4. Touch [Set].



TA0028201

5. Touch [Set]. Refer to Continued at “Destination Setting” (p. 1-67).

TA0028214

Junction Input

The junction name can be input to set a detailed address.

1. Input the “Country”, “City” and “Street” in “Address/Junction” (p. 1-42).
2. Touch the “Junction” button.
3. Touch the junction to be set as the destination.

TA0028227

4. Touch [Set]. Refer to “Destination Setting” (p. 1-67).

TA0028243

Points of Interest (POI) Name

E08104200011

Used when the name of the desired POI is known.

1. Display the Navi Menu and touch [POI Name].
2. Input the “Country” and “City” with the same operations as in “Address/Junction” (p. 1-244).

TA0028230

3. Touch the “Category” button. The “POI Category” screen is displayed. The operation in step 5 can be performed even if a category is not selected.
4. Touch the category of the desired POI.

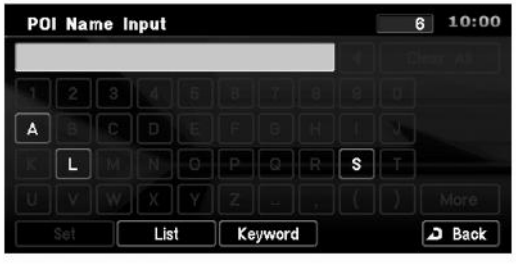
TA0028256

NOTE

- Touch [My Categories] to select frequently used categories that have already been stored. Refer to “Editing My Categories” (p. 55) for details on storing a category.
- One of the five most recently selected categories can be selected by touching [Last 5].
- Touch [All] to select from all categories.

5. Touch the “POI Name” button.

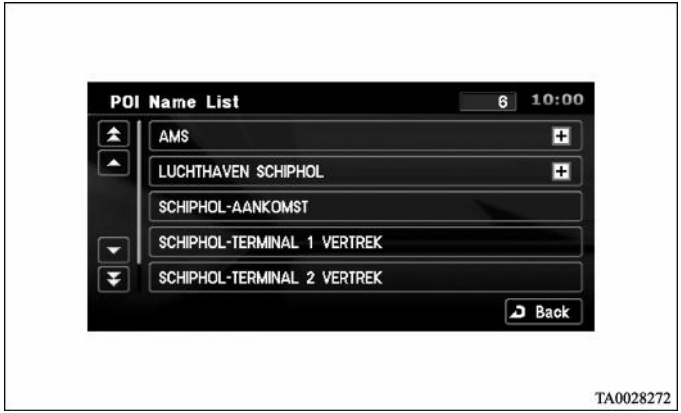
6. Input the POI name. Refer to “How to Enter Text” (p. 1-218).



TA0028269

NOTE

- If there is only one candidate when a character is input for the POI name, go to step 7.
- If there are five candidates or less when a character is input for the POI name, a list is displayed and a POI can be selected from the list.



TA0028272

- For large facilities such as airports, ⊞ will be shown and you can select the related facility.

7. Touch [Set]. Refer to “Destination Setting” (p. 1-160)

TA0028285

NOTE

- When a facility marked with ⊞ is selected from the POI Name List, [Sub POI] will be displayed in the lower part of the screen.

TA0028298

- Touch [Sub POI] to display the list and select a detailed POI.

TA0028302

Editing My Categories

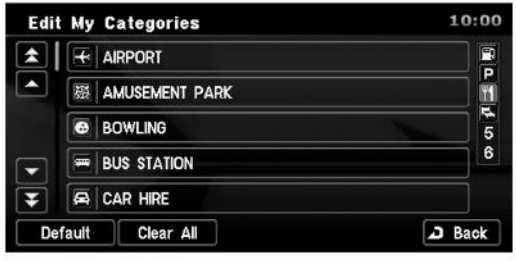
Frequently used POI categories can be stored in “My Categories”.

A maximum of six category items can be stored in “My Categories”.

1. Display the “POI Category” screen. Refer to “Points of Interest (POI) Name” (p. 1-52).
2. Touch [My Categories].

TA0028315

3. Touch [Edit My Categories]. A list is displayed of all categories.
4. Touch the category to store.



TA0028328

NOTE

- The stored categories are displayed with a highlight. Touch a stored category to clear the stored item.
- Touch [Clear All] to clear all the stored category items.
- Touch [Default] to return to the factory settings (four items are stored before shipment).

5. Touch [Back].

TA0028331

The categories currently displayed are stored, and the display returns to the original “POI Category” screen.

Previous 20

E08104300012

A new destination, Intermediate Destination or location to be stored can be set from the 20 destinations that have been previously set.

1. Display the Navi Menu and touch [Previous 20]. A list of the 20 destinations that have been previously set is displayed.
2. Touch the desired location. Refer to “Setting as Destination” (p. 1-67).

TA0028344

NOTE
- Touch [Info] to display a map of the vicinity and corresponding information.

TA0028357

- Destinations that have been previously set can be deleted. Refer to “Delete Previous 20” (p. 1-309).

Address Book

E08104400013

If a location has already been stored (p. 1-87) in the address book, it can be called up and set as the destination.

NOTE
- If no locations have been stored in the address book, [Address Book] cannot be selected.
- Refer to “Storing a New Location” (p. 1-87) for details on storing a location in the address book.

1. Display the Navi Menu and touch [Address Book].
2. Touch the location to be set as the destination. Refer to “Destination Setting” (p. 1-67).

TA0028360

Go Home

E08104500014

If the home location has already been stored (p. 1-91), the route to go home can be set.

NOTE

- Refer to “When Storing Your Home” (p. 1-91) for details on storing the home position.

Display the Navi Menu and touch [Go Home]. Refer to “Destination Setting” (p. 1-67).

NOTE

- If a home position has not been stored, a message is displayed that recommends it to be stored. Touch [Yes] and perform the storing operations.

TA0028373

Advanced Search

E08104600015

Separate from the basic search, a detailed search is possible based on the POI search.

1. Press the [Menu] key. The Navi Menu is displayed.

TA0028386

2. Touch [Advanced Search].

The “Advanced Search” menu is displayed.

Nearby POI

E08104700016

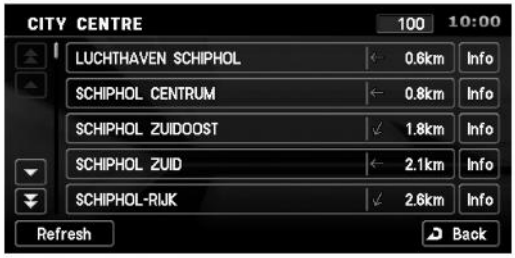
Searching for POI in the vicinity of the current location.
A maximum of 100 POIs can be searched for within a range of approximately 100km (60 miles) from the current location.

1. Display the “Advanced Search” menu and touch [Nearby POI].
2. Touch the category of the desired POI.

NOTE

- Touch [My Categories] to select frequently used categories that have already been stored. Refer to “Editing My Categories” (p. 55) for details on storing a category.
- One of the five most recently selected categories can be selected by touching [Last 5].
- Touch [All] to select from all categories.

3. Touch the desired POI.



TA0028429

Refer to “Destination Setting” (p. 1-67).

TA0028432

NOTE

- Touch [Info] to display a map of the vicinity and corresponding information.

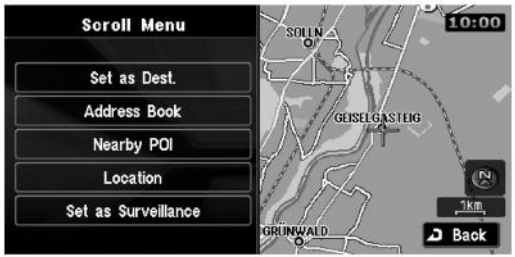
TA0028445

- Touch [Refresh] to search again.

From the Scroll Menu

POIs in the vicinity of a specified location can searched for from the scroll menu.

1. Scroll the map and place the cursor on the location of the desired facility, and press the [ENT] key.



TA0028458

2. Touch [Nearby POI]. The remaining operations are the same as from step 2 of "Nearby POI" (p. 1-59).

POI along Route

E08104800017

Searching for POI along the set route. A maximum of 100 POIs can be searched for.

Display the "Advanced Search" menu and touch [POI along Route]. The remaining operations are the same as from step 2 of "Nearby POI" (p. 1-59).

POI by Dest./Intermediate Destination

E08104900018

Searching for POI in the vicinity of the set destination/Intermediate Destination.
A maximum of 100 POIs can be searched for within a range of approximately 100km (60 miles) from the destination or Intermediate Destination.

1. Display the "Advanced Search" menu and touch [POI by Dest./Inter.dest.].
2. Touch the destination or Intermediate Destination. The remaining operations are the same as from step 2 of "Nearby POI" (p. 1-59).

TA0028461

NOTE
- Touch [Info] to display a map of the vicinity and corresponding information.

TA0028474

POI along a Street

E08105000016

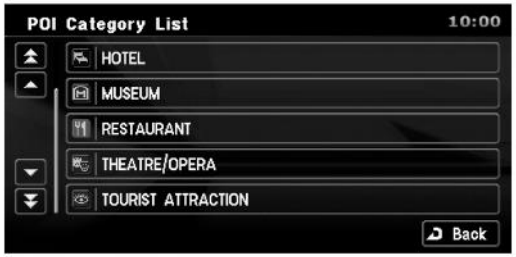
Searching for POI along a specified street.

1. Display the “Advanced Search” menu and touch [POI along a Street].
2. Input the “Country”, “City” and “Street” with the same operations as in “Address/Junction” (p. 1-42).

TA0028487

NOTE
- If no POIs are found in the vicinity of the input location, “No POI found” is displayed. Touch [OK] and set a different location.

3. Touch the “Category” button.
4. Touch the category of the desired POI.



TA0028490

5. Touch the “POI Name” button.

6. Input the POI name. Refer to “How to Enter Text” (p. 1-35).

TA0028504

NOTE

- If there is only one candidate when a character is input for the POI name, go to step 7.
- If there are five candidates or less when a character is input for the POI name, a list is displayed and a POI can be selected from the list.

TA0028517

7. Touch [Set]. Refer to “Destination Setting” (p. 1-67).

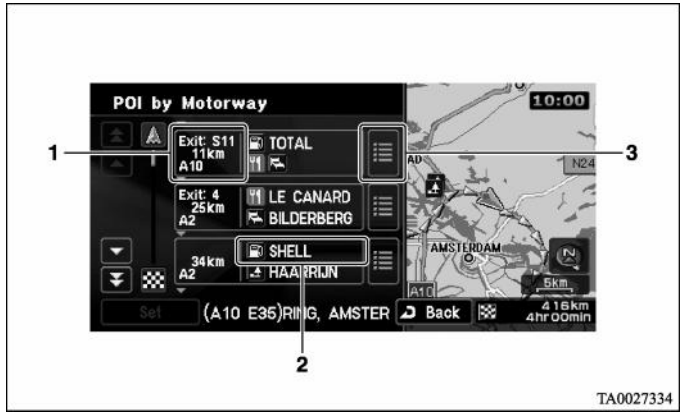
TA0028520

POI by Motorway

E08105100017

Searching for POI along a motorway or in the vicinity of the exit.
Can only be used when driving on a motorway.

1. Display the “Advanced Search” menu and touch [POI by Motorway].



TA0027334

1- Area information
   Exit number
   Distance from vehicle
   Motorway name
2- POI name
3- POI list display button
   Displayed if there are two or more facilities in the area vicinity. Displays the list and enables selection of which facilities at the destination or along the route to store.

2. Touch the desired area. The map for the POI with the highest priority in the desired exit area is displayed.

TA0028533

3. Touch [Set]. Refer to at “Destination Setting” (p. 1-67).

TA0028546

Map Point

E08105200018

Searching for a location by scrolling (p. 1-23) the map.

Display the “Advanced Search” menu and touch [Map Point]. The scroll menu is displayed. The remaining operations are the same as “Destination Setting for Scrolled Position” (p. 1-30).

Return Trip

E08105300019

The starting position when setting a route can be set as a new destination.

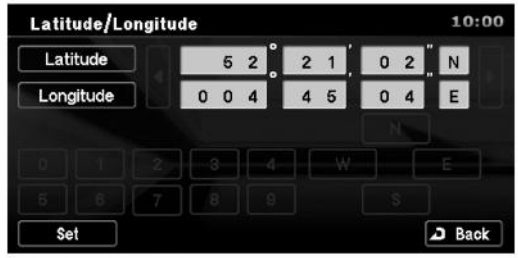
Display the “Advanced Search” menu and touch [Return Trip]. A map of the vicinity is displayed with the starting position at the centre. Refer to “Destination Setting” (p. 1-67).

Latitude/Longitude

E08105400010

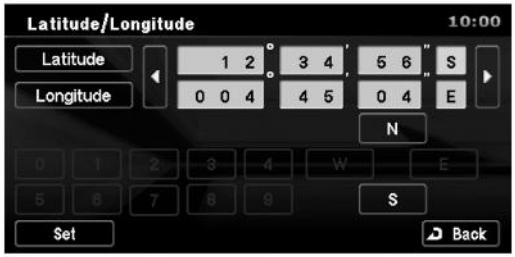
The destination can be set by specifying the latitude/longitude.

1. Display the “Advanced Search” menu and touch [Latitude/Longitude].
   The latitude/longitude of the current location is displayed.
2. Touch [Latitude] or [Longitude]. The latitude or longitude can now be edited.



TA0028559

3. Input the latitude/longitude of the destination.



TA0028562

NOTE

● Touch [◄] or [►] to change the input position.

4. Touch [Set]. Refer to “Destination Setting” (p. 1-67).

Destination Setting

E08105500011

After deciding on a location it can be set as a destination or Intermediate Destination, or the location can be stored.

Setting as Destination

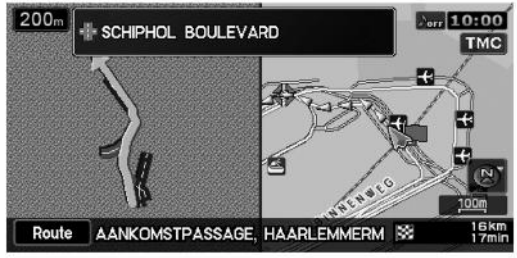
E08105600012

Setting the displayed location as the destination.

Touch [Start].

TA0028575

When a route has already been set, that route is deleted and a route search starts with the displayed location as the destination.



TA0028588

Setting as Intermediate Destination

E08105700013

After finding a location when a route has already been set, the displayed location can be set as a Intermediate Destination.

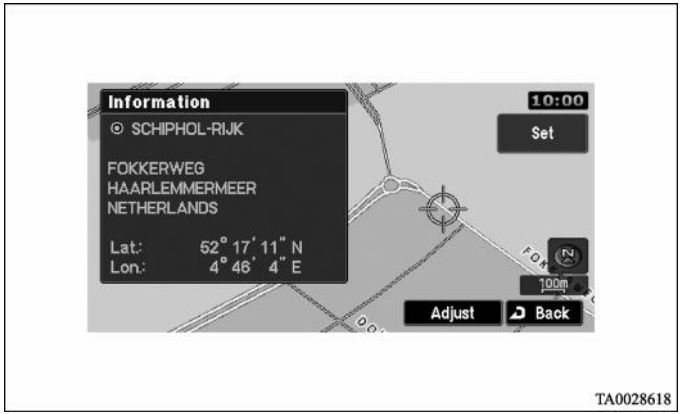
1. Touch [Itinerary List]. A list of the Intermediate Destinations and destination is displayed.
2. Touch [Add] in the sequence in which it is to be visited. The searched location is added to the route as a Intermediate Destination.

TA0028591

3. Touch [Start]. The route search is started.

TA0028605

NOTE
- Touch [Info] to display a map of the vicinity and corresponding information.



- Touch [Show Route] to display the entire route, view 3 different routes and change the calculation conditions in the same way as “Showing the Route (3 Routes)” (p. 1-77).
- Touch [Re-order] to change the sequence for visiting each location in the same way as “Re-ordering” (p. 1-79).
- Touch [Add] to add a Intermediate Destination in the same way as “Adding an Intermediate Destination” (p. 1-81).
- Touch [Delete] to delete a destination or Intermediate Destination in the same way as “Deleting” (p. 1-83).
- Touch [Option] to perform settings related to the route in the same way as “Route Options” (p. 1-295).

Storing the Location

E08105800014

Storing the displayed location and adding it to the address book.

1. Touch [Address Book]. The information screen for the location to be stored is displayed.
2. Touch [Set to Address Book]. The displayed location is stored in the address book.

NOTE
- Stored location information other than “Country” can be edited. When editing an icon or name, perform in the same way as “Editing a Location” (p. 1-94).

Routes

E08105900015

Viewing the Route

E08106000013

The created route can be viewed using various methods.

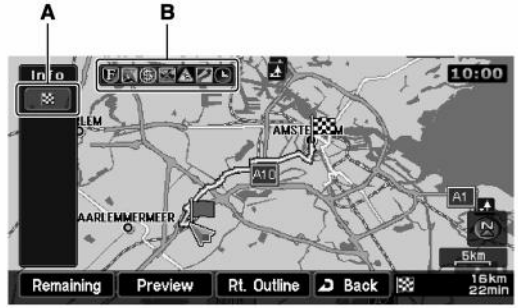
1. Touch [Route] on the current location screen. The route menu is displayed.

TA0028634

2. Touch [View Route].

TA0028647

The view route screen is displayed.



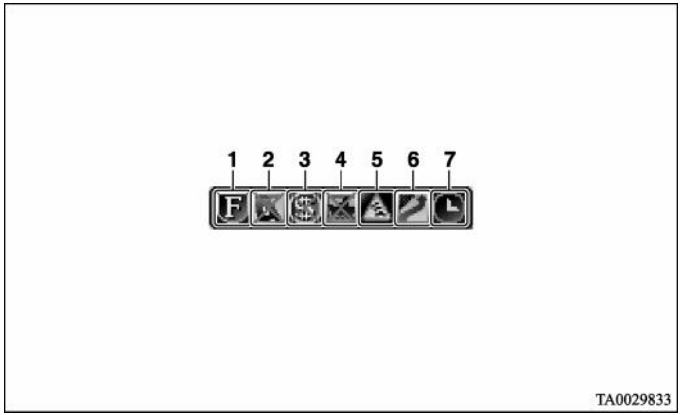
TA0027347

NOTE
- Touch location information button (A) to display the map of the vicinity of the destination and Intermediate Destination.

Route Option Icon

E08106100014

The route option icon (B) can be used to view with icons the information set in “Route Options” (p. 1-295).



1- Route Priority
  : Indicates “Fast”.
  : Indicates “Short”.
  : Indicates “Easy”.
2- Minimize Motorway
  : Indicates “No”.
  : Indicates “Yes”.
3- Minimize Toll Roads
  : Indicates “No”.
  : Indicates “Yes”.
4- Minimize Ferries
  : Indicates “No”.
  : Indicates “Yes”.
5- Avoid Traffic Problems
  : Indicates “Yes”.
  : Indicates “No”.
6- Avoid Selected Areas
  : Indicates “Yes”.
  : Indicates “No”.
7- Avoid Time Restricted Roads
  : Indicates “Yes”.
  : Indicates “No”.

Remaining

E08106200015

Displaying a map of the entire remaining route, in a scale where it can all be displayed.

Touch [Remaining] in the view route screen. Displays a map of the entire remaining route, in a scale where it can all be displayed.

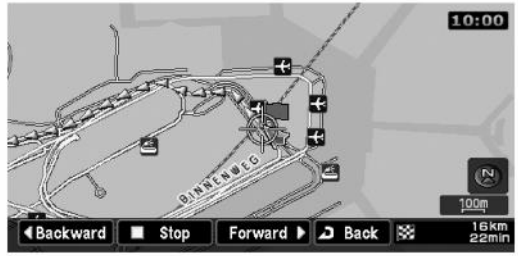
TA0028650

Preview

E08106300016

The map can be scrolled along route. The type of route taken to the destination can be viewed.

1. Touch [Preview] in the view route screen. The preview screen is displayed.
2. Touch [Forward], [Stop] or [Backward].



TA0028663

NOTE

- Touch [Forward] to scroll towards the destination.
- Touch [Stop] to stop the scrolling.
- Touch [Backward] to scroll towards the starting position.

Route Outline

E08106400017

A list of the junctions up to the destination where turns are required is displayed.

Touch [Rt. Outline] in the view route screen. A list of the junctions where turns are required is displayed.

TA0028676

NOTE

- Touch an junction on the list to display a map of its vicinity.

TA0028689

1

Detour

E08106500018

Detours that specify the distance from the current location, or detours that specify streets to avoid can be set.

1. Touch [Route] on the current location screen. The Route Menu is displayed.

TA0028692

2. Touch [Detour]. The detour setting screen is displayed.

TA0028706

Detour Distance

E08106600019

Specifying the distance to calculate the detour route.

Touch the desired detour distance. A detour route is calculated according to the specified distance, and route guidance starts.

NOTE

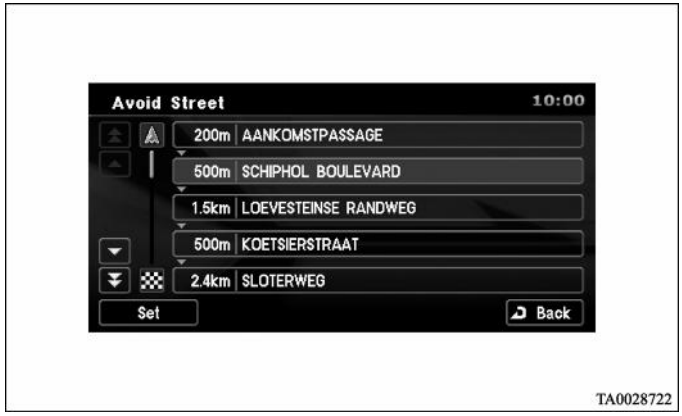
- If “mile” has been set, the detour distances are [1/2], [3], [6], [12], [25], [50].
- A detour route longer than the entire route length cannot be selected.

Avoid Street

E08106700010

Settings are performed here for selecting a start street and an end street, and detouring the area in between.

1. Touch [Avoid Street] in the detour setting screen. A list of streets to be passed on the current route is displayed.
2. Touch the start street.



NOTE

- If the route to be calculated detours only one street, go to step 4.

3. Touch the end street.

TA0028735

4. Touch [Set]. A detour route is calculated according to the specified street area, and route guidance starts.

Editing the Route (Itinerary)

E08106800011

The destination position can be changed, an Intermediate Destination can be added, and the route calculation conditions can be changed.

1. Touch [Route] on the current location screen. The Route Menu is displayed.

TA0028692

2. Touch [Itinerary].

TA0028706

The Itinerary List screen is displayed.

TA0028748

NOTE

- Touch [Info] to display a map of the vicinity and corresponding information.
- Touch [Start] to calculate the route with the current settings and start route guidance.

Showing the Route (3 Routes)

E08106900012

The entire route can be displayed, 3 different routes can be viewed, and the calculation conditions can be changed.

1. Touch [Show Route] in the Itinerary List screen. The show route screen is displayed.

TA0028751

NOTE

- Touch location information button to display the map of the vicinity of the destination and Intermediate Destination.
- The route option icon can be used to view with icons the information set in “Route Options” (p. 1-295). Refer to “Route Option Icon” (p. 1-71) for the meanings of the icons.
- Touch [Option] to perform settings related to the route in the same way as “Option” (p. 1-84).
- Touch [Rt. Outline] to display a list of the junctions up to the destination where turns are required. Refer to “Route Outline” (p. 1-73).
- Touch [Preview] to scroll the map along route. Refer to “Preview” (p. 1-72).
- Touch [Modify] to return to the itinerary list screen.

2. Touch [3 Routes].
   3 routes are displayed: [Fast], [Short] and [Easy].

3. Touch [Fast], [Short] or [Easy].

TA0028764

4. Touch [Back].

TA0028777

5. Touch [Start]. Guidance starts for the changed route.

TA0028780

Re-ordering

E08107000010

The sequence for visiting each location can be changed.

1. Touch [Re-order] in the Itinerary List screen. The Re-order screen is displayed.
2. Touch the locations in the desired sequence.

TA0028793

The visiting sequence is displayed on the left of each location button.

3. Touch [Done].

TA0028807

4. Touch [Start]. Guidance starts for the changed route.

TA0028810

NOTE

● Touch [Clear] to change the visit sequence again.

Adding an Intermediate Destination

E08107100011

An Intermediate Destination can be added to the current route.

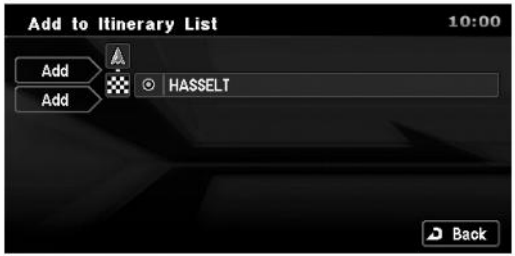
1. Touch [Add] in the Itinerary List screen (p. 77). The Destination Search screen is displayed.
2. Touch one of the search methods to search for the location.

TA0028823

3. Touch [Itinerary List].

TA0028836

4. Touch [Add] in the sequence position in which it is to be visited. The searched location is added to the route as a Intermediate Destination.



TA0028849

5. Touch [Start]. Guidance starts for the changed route.

TA0028852

Deleting

E08107200012

A destination or Intermediate Destination can be deleted.

1. Touch [Delete] in the itinerary list screen (p. 1-77).
   The Delete Itinerary screen is displayed.
2. Touch the location to delete.

TA0028865

NOTE

- The locations targeted for deletion are displayed with a highlight. Touch a location again to remove it from the deletion target.
- Multiple locations can be selected at the same time
- Touch [Select All] to delete all locations at the same time.

3. Touch [Done].

TA0028878

4. Touch [Yes].

TA0028881

5. Touch [Start]. Guidance starts for the changed route.

TA0028894

Option

E08107300013

Settings related to the route can be performed.

Touch [Option] in the itinerary list screen (p. 77). The Route Options screen is displayed. The remaining operations are the same as from step 3 of “Route Options” (p. 1-295).

TA0028908

Start Demo

E08107400014

The set route can be viewed with a demo.

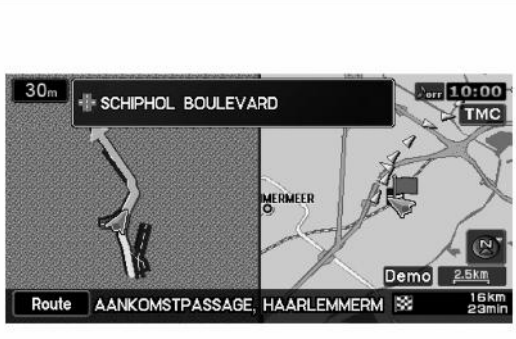
1. Display the Navi Menu, and touch [Navigation Tools]. The Navigation Tools screen is displayed.

TA0028012

2. Touch [Start Demo].

TA0028911

The demo is started.



TA0028924

Stop Demo

Stopping the demo that is operating.

1. Display the Navigation Tools screen during the demo.
2. Touch [Stop Demo]. The demo is stopped.

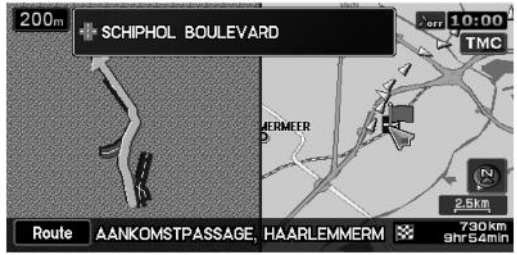
TA0028911

Deleting the Route

E08107500015

Deleting a created route.

1. Touch [Route] on the current location screen. The route menu is displayed.



TA0028937

2. Touch [Delete Route].

TA0028706

3. Touch [Yes]. The route is deleted.

TA0028940

Address Book

E08107900019

Storing a New Location

E08103800010

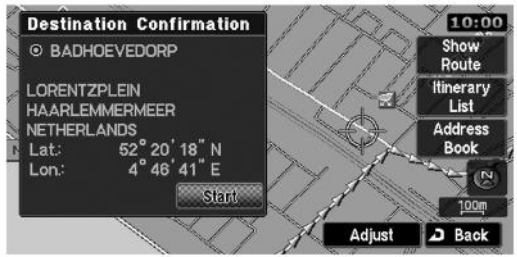
If frequently visited locations are stored in advance in the address book, the route to the stored location can be calculated. A maximum of 99 locations can be stored.

From the Navi Menu

E08108000017

Storing a location from the Navi Menu.

1. Search for the location. Refer to “Destination” (p. 1-40).
2. Touch [Address Book]. The information screen for the location to be stored is displayed.



TA0028953

3. Touch [Set to Address Book]. The displayed location is stored in the address book.

TA0028966

NOTE

- Stored location information other than “Country” can be edited. Edit the icon or name as described in “Editing a Location” (p. 1-94).

From the Scroll Menu

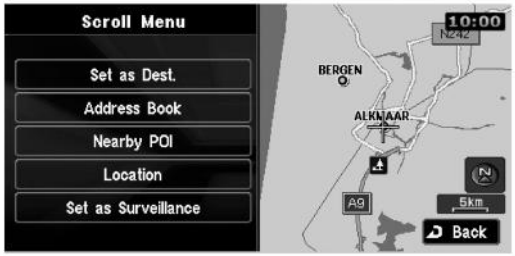
E08108100018

Storing a location from the scroll menu.

1. Scroll the map and place the cursor on the stored location, and press the [ENT] key.

TA0028979

2. Touch [Address Book]. The information screen for the location to be stored is displayed.



TA0028982

NOTE

- If there are several POIs in the scroll, a list is displayed, and the POIs to be registered can be selected.

TA0028995

3. Touch [Set to Address Book]. The displayed location is stored in the address book.

TA0029006

NOTE

- Stored location information other than “Country” can be edited. Edit the icon or name as described in “Editing a Location” (p. 1-94).

The Different Items

E08108200019

The screen displays information about the stored location.

Icon:	An icon can be selected from 24 different types to use as a mark for the stored location when it is set. Refer to “Icons” (p. 1-93)
Adjust:	A stored location can be changed to a different location.If location was stored from scroll, editing cannot be performed.
Name:	The name of a stored location can be input. The name input here is displayed on the map.
Street:	The name of a street can be input.
City:	The name of a city can be input.
Country:	The name of the country of the currently stored location is displayed. This cannot be edited.
TEL:	A telephone number can be input.

NOTE

- Refer to “Editing a Location” (p. 1-94) for details on editing information.

When Storing Your Home

E08108300010

Storing the home location.

1. Display the Navi Menu and touch [Go Home].

TA0028012

2. Touch [Yes].

TA0029019

3. Touch [Register] of “Home Location”.

TA0029022

4. Touch one of the search methods to search for the location.

TA0029035

5. Touch [Set].

TA0029048

6. Touch each item to input information.

TA0029051

NOTE

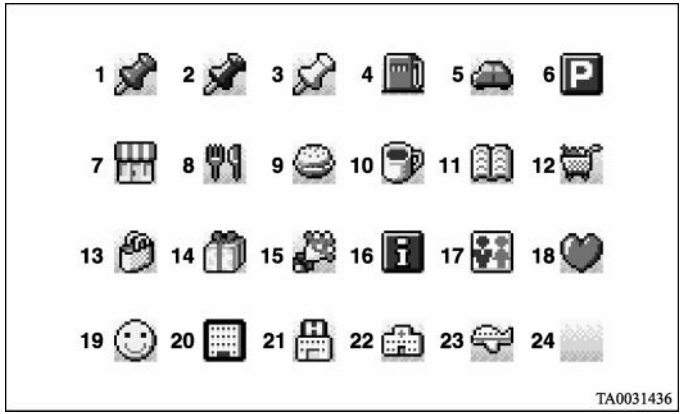
- Storing/deleting of the home location and changing information can also be performed from “Home Location” in “Personal Settings” (p. 1-302).

7. Touch [Set as Home]. The storing of the home location is completed.

Icons

E08108400011

The icons that can be set for a stored location are the following 24 icons (including a space) and “Home ” for a total of 25 icons.



TA0031436

NOTE

- Only one location can be set as “HOME”.
- The number to the side of the icon shows the priority when the icons are ordered in a list.

Editing a Location

E08103900011

The information about stored locations in the address book can be edited or deleted.

1. Display the Navi Menu, and touch [Navigation Settings].

TA0028012

2. Touch [Personal].

TA0029064

The Personal Settings screen is displayed.

TA0029077

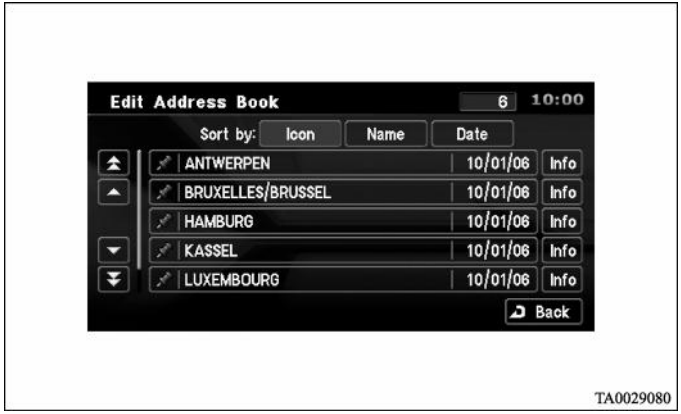
NOTE
- Touch [Register] of “Address Book” to create a new location to store. Store using the same operations as “Storing a New Location” (p. 1-87).

Editing

E08108500012

Editing information about a stored location.

1. Touch [Edit] of “Address Book” in the Personal Settings screen.
2. Touch the stored location to change.



NOTE
- Touch [Icon] to order the locations in icon sequence. Refer to “Icons” (p. 1-93) for details on the icon priority.
- Touch [Name] to order the stored location names in alphabetical sequence.
- Touch [Date] to order the registration dates with the newest at the top.

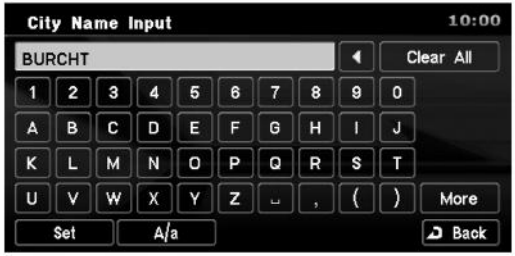
3. Touch the item to change.

TA0029093

NOTE

- Refer to “The Different Items” (p. 1-90) for details on the items to change.

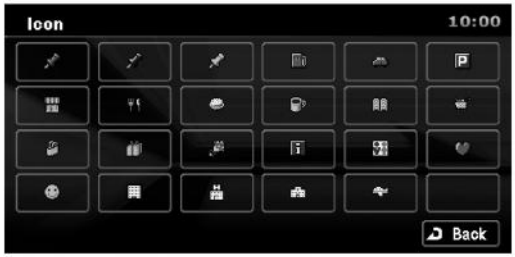
4. Touch [Set] after changing the item. Repeat steps 3 and 4 until all the desired items have been changed.



TA0029107

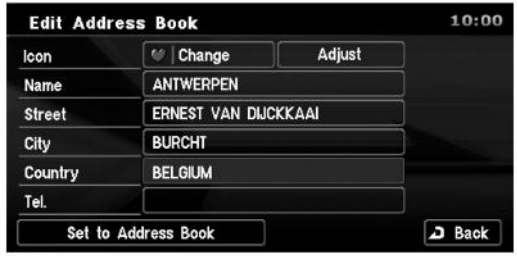
NOTE

- [Set] is not available for “Icon”. The change is set by touching the icon button.



TA0029110

5. Touch [Set to Address Book]. The information change is completed.



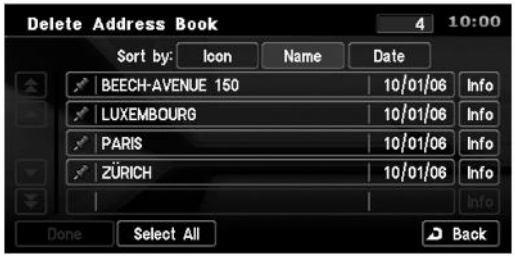
TA0029123

Deleting

E08108600013

Deleting a stored location.

1. Touch [Delete] of "Address Book" in the Personal Settings screen.
2. Touch the stored location to delete.

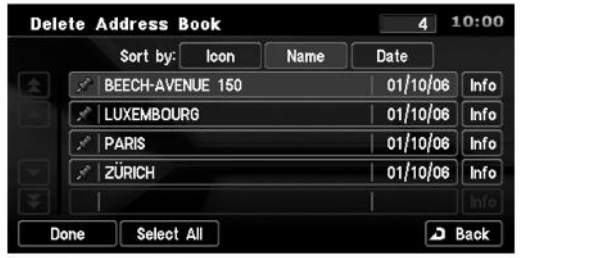


TA0029136

NOTE

- The stored locations targeted for deletion are displayed with a highlight. Touch a location again to remove it from the deletion target.
- Multiple locations can be selected at the same time.
- Touch [Select All] to delete all stored locations at the same time.

3. Touch [Done].



TA0029149

4. Touch [Yes]. The selected stored locations are deleted.

TA0029152

TMC (Traffic Message Channel)

E08108700014

This function uses TMC (Traffic Message Channel) to display traffic information such as traffic jams and construction sites on the map.

Viewing the Traffic Information

E08108800015

Traffic information can be viewed if a TMC symbol is displayed on the map screen.

1. Touch [TMC].

TA0029165

NOTE

- If there is no TMC traffic information, even if [TMC] is touched TMC traffic information is not displayed.

TA0029178

The TMC symbol closest to the current location is displayed.

NOTE

- The location displayed for the traffic information can be stored. Refer to “Storing from the TMC Traffic Information Screen” (p. 1-103).

2. Touch [>>].

TA0029181

Each time [>>] is touched, TMC symbols are displayed in sequence of distance from the current location, starting from the closest.

TA0029194

NOTE

- Touch [<<] to display the previous TMC symbol.
- Touch [Back] to display the current location screen.

Automatic Interrupt Function

E08108900016

If a TMC symbol with received data is displayed on the route while driving, a traffic information interrupt is displayed automatically and the system searches for a detour route.

NOTE

- The default setting for Automatic Notification is ON.
- If Automatic Notification is not set to ON in TMC settings, interrupt display will not be performed. Refer to "TMC Options" (p. 1-311).

TA0029165

The traffic information interrupt is displayed automatically.

TA0029208

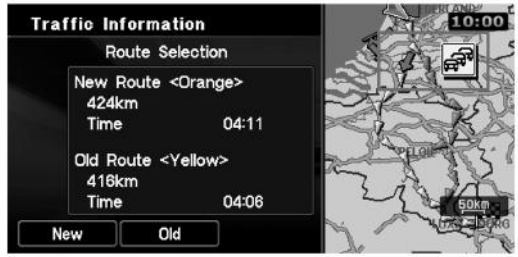
1. Touch [Yes]. The system searches for a detour route.

TA0029211

NOTE

- When [No] is selected for a TMC symbol, No symbol interrupt is displayed again until the ACC is turned OFF/ON.

2. Touch [New].



TA0029224

NOTE

- Touch [Old] to display the current location screen without changing the route.

The new route is set.

TA0029237

Set as Surveillance Map

E08109000014

A maximum of three map screens that display traffic information can be stored.
If frequently driven roads are stored in advance, it easy to view traffic information, without having to scroll the map.

Storing from the TMC Traffic Information Screen

E08109100015

Storing the location displayed for the traffic information.

1. Display the traffic information. Refer to “Viewing the Traffic Information” (p. 1-99), “Automatic Interrupt Function” (p. 1-101).

TA0029240

2. Use the Joy-Stick to place the cursor on the location to be stored.

TA0029253

3. Press the “ENT” key.

4. Touch [Surveillance Map 1 (2, 3)].

TA0029266

The data is stored to the selected number.

TA0029279

NOTE

- If a number is selected where a Surveillance Map has already been stored, the new data automatically overwrites the old data and is saved.

Storing from the Map Scroll Screen

E08109200016

1. Scroll to the location to store.

TA0029282

2. Press the “ENT” key.

3. Touch [Set As Surveillance].

TA0029295

4. Touch [Surveillance Map 1 (2, 3)]. The data is stored to the selected number.

TA0029309

NOTE

- If a number is selected where a Surveillance Map has already been stored, the new data automatically overwrites the old data and is saved.

Recalling Stored Screens

E08109300017

Displaying on the screen the map screens that have been stored in advance.

NOTE

- Map screens must have been stored in advance. Refer to "Set as Surveillance Map" (p. 1-103).

1. Press the "MENU" key.
2. Touch [Navigation Tools].

TA0028012

3. Touch [Surveillance Map].

TA0028911

NOTE

- Cannot be selected if no Surveillance Map has been stored. Refer to “Set as Surveillance Map” (p. 1-103).

4. Touch one of the Surveillance Map numbers. The stored location is displayed.

TA0029312

NOTE

- At this time, the map can be scrolled to overwrite and save the data. Refer to “Storing from the Map Scroll Screen” (p. 1-105).

5. Touch [TMC]. The traffic information is displayed.

TA0029240

NOTE
- Nearby traffic information can be displayed. Refer to "Viewing the Traffic Information" (p. 1-99).
- If there is no traffic information, a message stating that there is no information will be displayed.

1

Audio

E08109400018

Audio Functions

E08109500019

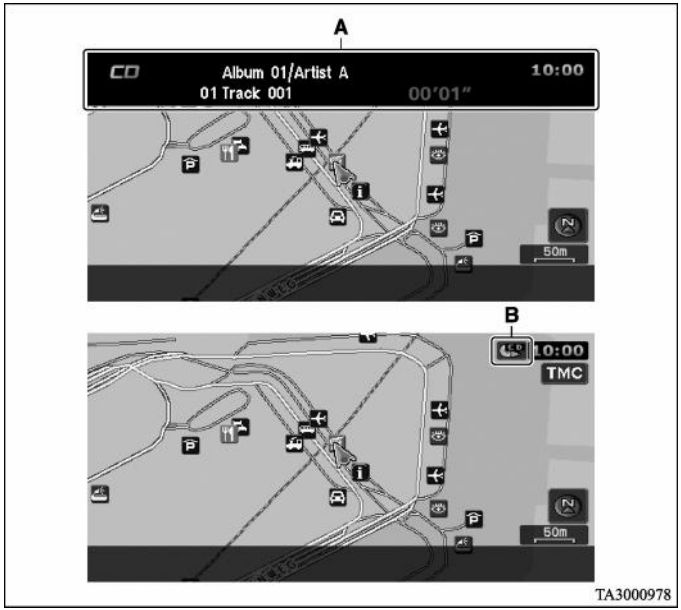
This device can play music CDs (CDDA/CD-TEXT), MP3/WMA disks (CD-R/RW), and DVDs (DVD-VIDEO).

NOTE
- The images used by the audio functions and other related functions in this manual were created to explain the album names and title names of the title information. They have absolutely no connection to the actual existing title information.

Displaying during Navi Functions

E08109600010

If AV operations are performed while the Navi screen is displayed, “Source plate” (A), which describes the audio playback status is displayed, and after a moment, “AV Icon” (B) is displayed.



TA3000978

Source Plate

E08109700011

The titles and run time, etc., of the file currently being played are displayed on screen.

Music CD Playback (Example)

TA0029817

AV Icon

E08109800012

An icon that describes the playback media and playback status is displayed in the top right of the screen.

NOTE

- [AV Icons on Map] can be turned [ON] and [OFF]. Refer to “Other Settings” (p. 1-285).

Common in AV

	Audio OFF
	Recording CD

Receiving FM/MW/LW

	Receiving FM (other than RDS)
	Receiving FM(RDS)
	Receiving FM (RDS traffic information interrupt)
	Receiving FM (RDS emergency information interrupt)
	Receiving MW
	Receiving LW
	Error occurred

Music CD

	Playing
	Error occurred

MP3/WMA

	Playing
	Error occurred

Music Server

	Playing
	Error occurred

DVD

	Playing
	Paused
	Stopped
	Error occurred

Rear Display

	Rear-Display ON
	Error occurred

Operation Limits while Driving

E08109900013

DVD playback is audio only (no images are displayed) while driving.

Switching to Audio Screen

E08110000014

Audio screens for all media are displayed from the Navi screen.

NOTE

- Set the volume so that sound outside the vehicle can be heard while driving, so as not to interfere with safe driving.
- If performing operations while driving, make sure not to hinder safe driving.
- To use [CD] or [DVD], a disk must be inserted into the device beforehand.

1. Press the [MODE] key.

2. Touch one of the items.

TA0029338

NOTE

- If the [AUDIO] key is pressed when the audio has been turned OFF, the AV screen from before the audio was turned OFF is displayed.

Ending Audio

E08110100015

Press the [PWR] key. Playback is stopped and the audio is turned OFF.

NOTE

- Press the [PWR] key again to resume play from where it stopped.

Adjusting the Volume

E08110200016

The volume can be adjusted within a range of 46 levels, including mute.

NOTE

- Set the volume so that sound outside the vehicle can be heard while driving, so as not to interfere with safe driving.
- If the playback volume is too loud, distortion may occur. If this occurs, reduce the volume.

1. Press the [VOL +] key. The volume is increased.

TA0029354

2. Press the [VOL -] key. The volume is decreased.

TA0029367

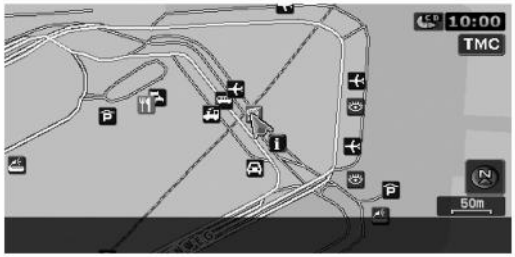
Displaying the Navi Screen

E08110300017

Press the [NAVI] key.

TA0029370

The current location screen is displayed.



TA0029383

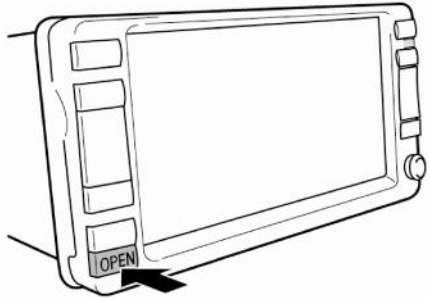
Inserting and Removing Disks

E08110400018

This section explains how to insert music CDs, MP3/WMA disks (CD-R/RW), and DVDs (DVD-VIDEO) into the MMCS.

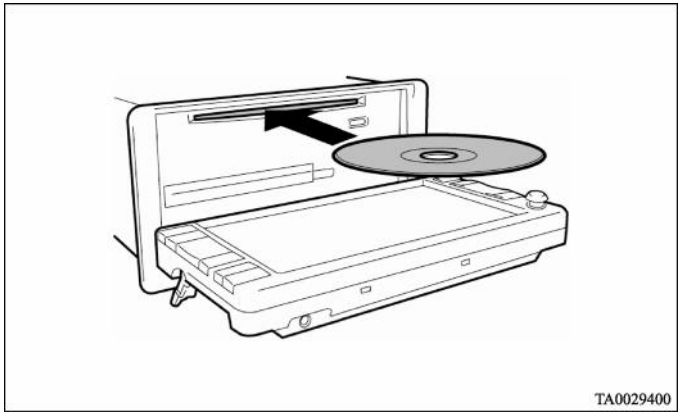
Inserting a disk

1. Press the [OPEN] key. Slide open the monitor panel to reveal the disk slot.



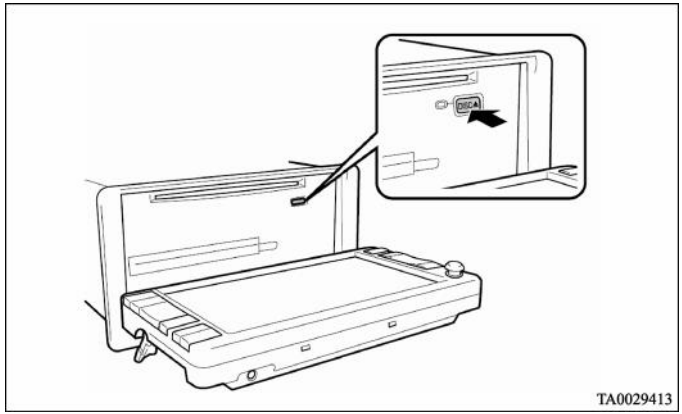
TA0029396

2. Insert a disk. Make sure the disk label is on top when inserting into the slot. When the disk is taken automatically, release your hand.



Removing a disk

1. Press the [(Illustration)] key. The disk is ejected automatically to the disk removal position. Remove the disk.



2. Press the [OPEN] key. Slide the monitor panel closed to return the MMCS to its original state.

⚠ *CAUTION*

- **When inserting or removing disks, operate it while parked in a safe location, and do not stop in no-parking zones.**
- **Do not insert hands, fingers, or other foreign objects into the slot. This may cause injury, smoke, or fire.**
- **Take care not to pinch your fingers, etc., when opening or closing the monitor panel.**
- **Make sure the monitor panel is closed while driving.**

⚠ CAUTION

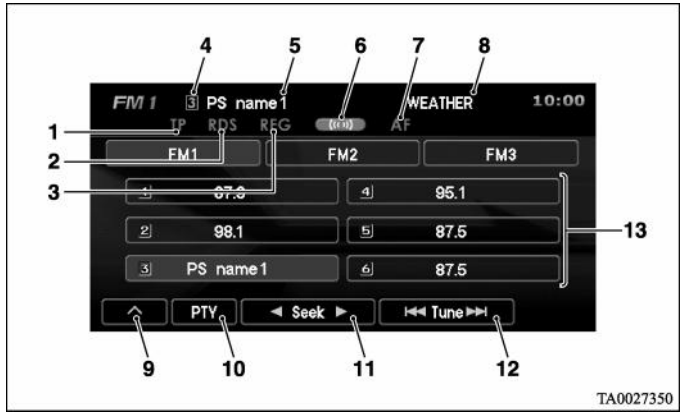
- **Do not leave the monitor panel open, and do not place any objects on top of the monitor panel.**
- **The monitor panel cannot be closed when a disk is in the disk removal state (i.e., partially ejected) from the disk slot, but depending on the disk state, it may not be possible to detect that a disk has been ejected. If the monitor panel is closed while an undetected ejected disk is still in the slot, there is a risk that either the disk or the device will be damaged. When closing the monitor panel, check that there is no ejected disk in the disk slot before closing.**
- **Do not press the [DISC] key while the monitor panel is opening or closing. The disk or the MMCS may be damaged.**

Listening to Radio

E08110500019

Display Contents

E08110600010



1- TP
Displayed during traffic information standby mode.

2- RDS*1
Displayed while RDS data is being received.

3- REG*1
Displayed while REG (Regional Frequencies) data is being received.

4- Preset number
Displayed when a preset channel has been selected.

5- PS name
Displayed while RDS data is being received. When a PS name (Program Service Name) has not been obtained, the frequency is displayed.

6- Stereo*[1]
Displayed while a stereo broadcast is being received.

7- AF*[1]
Displayed when the AF Check function is “On”.

8- PTY*[1]
The PTY (Program Type) of the RDS data being received is displayed. “TRAFINF” is displayed while a traffic information interrupt is being received, and “ALARM” is displayed while an emergency broadcast interrupt is being received.

9- [^]
Touch this button to display the Sub Menu.

10- [PTY]*[1]
Touch this button to display the PTY preset screen.

11- [Seek]
This function searches until it finds broadcasting stations that can be received in the current location.

12- [Tune]
Touch this button to change the frequency by one step. Touch and hold the button to change the frequency continuously.

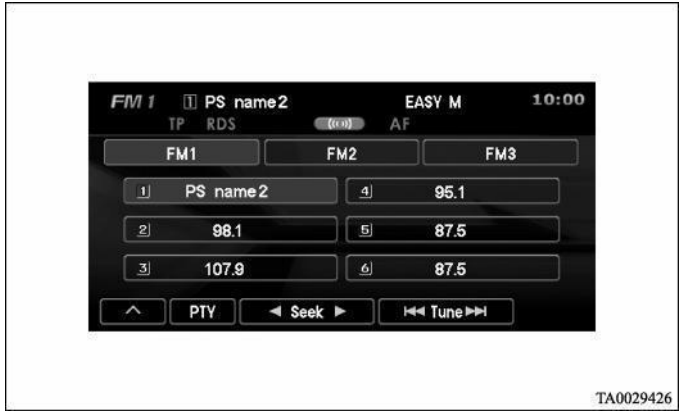
13- Preset CH
Touch this button to receive a stored frequency. Touch and hold this button for preset storage.

NOTE
- *[1]: Only displayed or selected when FM is being received.

Basic Operations

E08110700011

1. Press the [MODE] key.
2. Touch [FM], [MW] or [LW]. Radio is received.

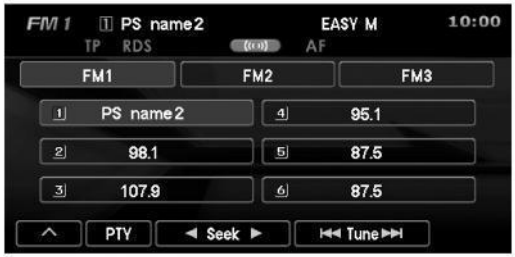


NOTE
- With FM, either [FM1], [FM2] or [FM3] can be selected using the touch panel.

Selecting Stations

E08110800012

1. Receive radio.
2. Touch either [⏮ Tune] or [Tune ⏭] to select the frequency. The frequency is changed by one step. Touch and hold the touch panel button to select receivable frequencies automatically.



TA0029426

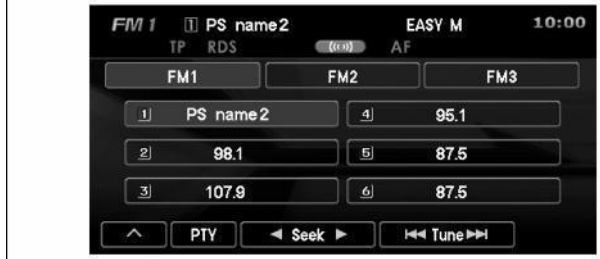
NOTE

- Touch either [◄ Seek] or [Seek ►] here to search continuously until broadcasting stations that can be received in the current location are found.

Auto-Store

E08110900013

1. Touch [^].



TA0029426

2. Touch [Auto-Store]. A list is displayed of the broadcasting stations that can be currently received.

TA0029439

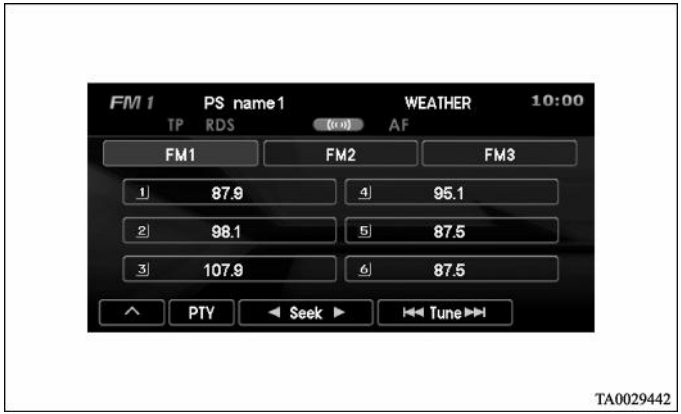
NOTE
- With FM, it is stored in the FM3 preset channel.
- With FM, when a PS name has been obtained for a broadcasting station, the PS name is displayed.

Preset Channel

E08111000011

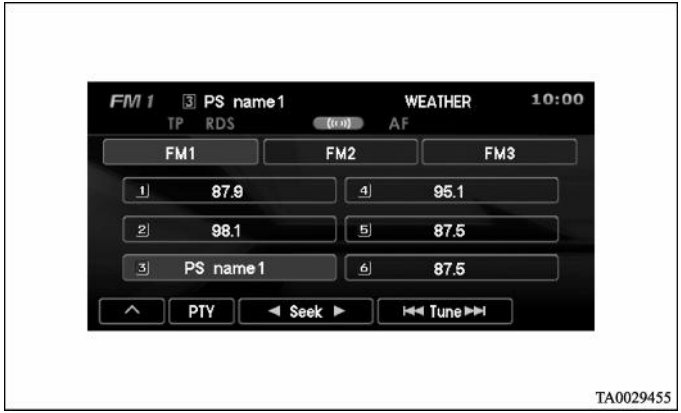
Storing

Touch and hold one of the preset channels.



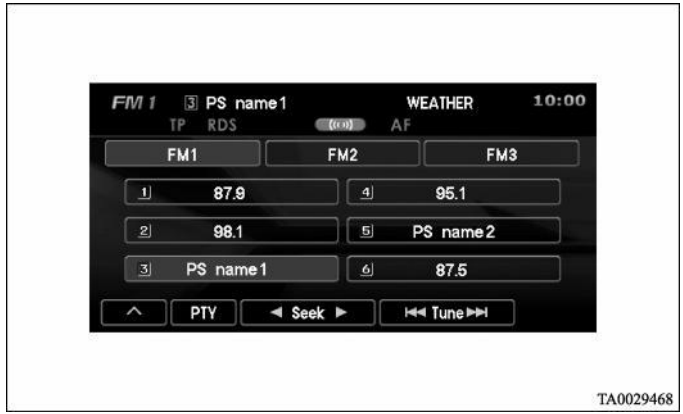
TA0029442

The broadcasting station currently being received is stored to the preset channel.



Recalling

Touch one of the preset channels. The touched broadcasting station is received.



NOTE

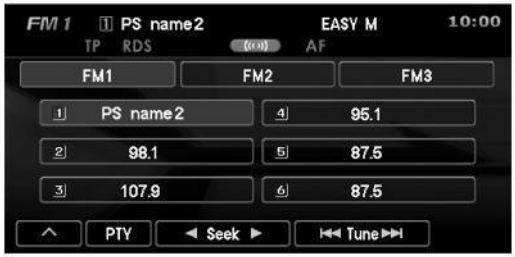
● With FM, a PI search is started.

PTY

E08111100012

Can only be operated with FM.

1. Touch [PTY].

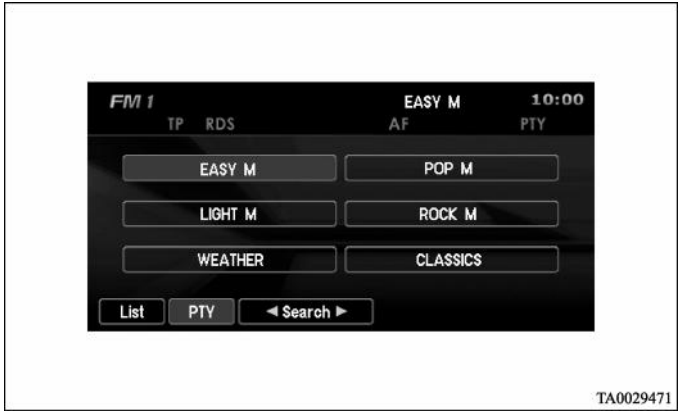


TA0029426

NOTE

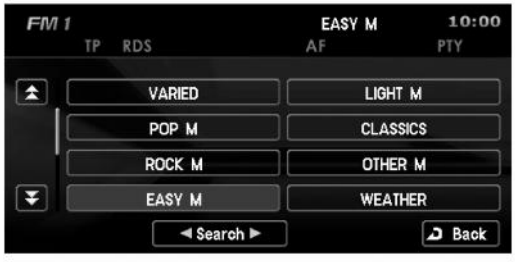
- After a short time, a search for the PTY that was selected the previous time is started automatically.
- Touch and hold the PTY preset channel here for preset storage.

2. Touch [LIST].



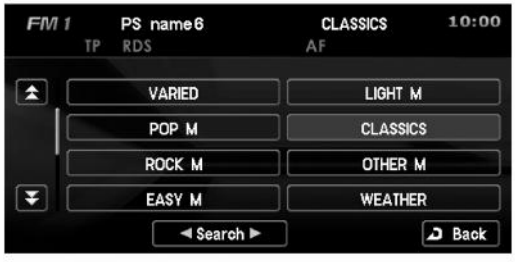
TA0029471

3. Touch one of the PTY. A search for the selected PTY is started automatically.



TA0029484

When the station is received, the name of the broadcasting station is displayed on the source plate.



TA0029497

NOTE

● If the station cannot be received, “Empty” is displayed.

PTY Types

NEWS	AFFAIRS
INFO	SPORT
EDUCATE	DRAMA
CULTURE	SCIENCE
VARIED	POP M
ROCK M	EASY M
LIGHT M	CLASSICS
OTHER M	WEATHER
FINANCE	CHILDREN
SOCIAL	RELIGION
PHONE IN	TRAVEL
LEISURE	JAZZ
COUNTRY	NATION M
OLDIES	FOLK M
DOCUMENT	

NOTE

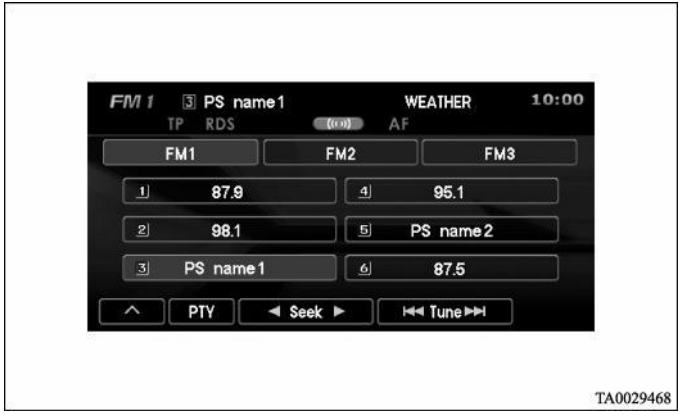
- Display will be in the language selected in Settings. Refer to “Language” (p. 1-283).

PI Search

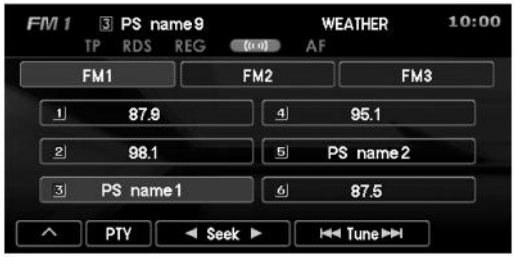
E08111200013

When recalling broadcasting stations that are stored in the preset channels, the same broadcasting station (AF station) or the same type of station (REG station) with the best reception quality is received automatically.

Touch a preset channel. The AF station with the best reception quality is received and stored in the preset channel.



A REG station is received if an AF station cannot be received. If a REG station can be received, “REG” is displayed on the source plate.



TA0029514

NOTE

- If there is no REG station, the broadcasting station stored in the preset channel is received.
- The station is not stored in the preset channel.
- With REG stations, the contents of the broadcast may vary according to the time slot.

Traffic Information Standby

E08111300014

This function is for automatically receiving stations that broadcast traffic information when the traffic information broadcast starts.

NOTE

- The traffic information standby must have been set to [On] in advance. Refer to “Automatic Notification” (p.1-312).
- The traffic information standby does not function during LW, MW or audio OFF.

When there is a traffic information interrupt while the Navi Screen is being displayed

TA0029527

Traffic information is displayed on the source plate, and the reception of traffic information is started.

Emergency Information Interrupt

E08111400015

When emergency information is received while driving, it is automatically displayed on the screen.

TA0029530

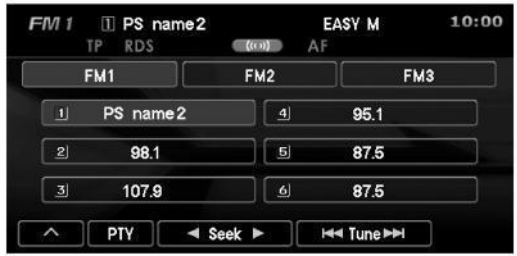
NOTE

- The emergency information interrupt is displayed regardless of the function settings.
- The emergency information interrupt is displayed even during audio OFF. However, note that the interrupt is not displayed while LW or MW is being received.

RDS Settings

E08111500016

1. Touch [^].

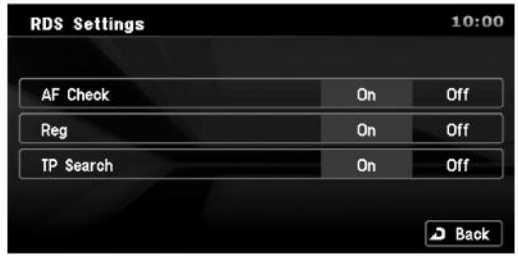


TA0029426

2. Touch [RDS Settings].

TA0029439

3. Touch [On] or [Off] for “AF Check”, “REG” or “TP Search”.



TA0029543

AF Check

Automatic tracking can be set to on or off, so that when the reception quality becomes lower, it searches for a broadcasting station with a better reception quality.

REG

A setting can be made to disable or enable switching to regional frequencies during AF Check.

TP Search

Automatic selection of traffic information stations can be set to on or off.

NOTE
- For the TP Search, the traffic information standby must have been set to [On] in advance. Refer to “Automatic Notification” (p. 1-312).
- If the received station is not a traffic information station (TP station), after 45 seconds a search for a traffic information station (TP station) starts automatically.

Listening to Music CDs

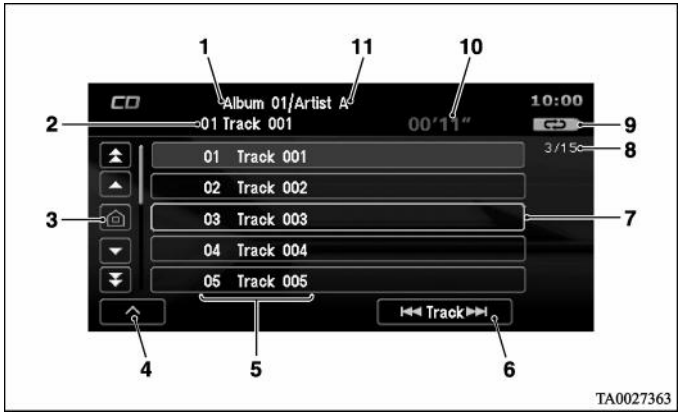
E08111600017

If a music CD is inserted into the device, the tracks will be played automatically, and the track can be recorded to the system’s hard drive device (HDD) if set initially to do so.
Simultaneously, Gracenote CDDB Music Recognition Service on the HDD is accessed, and the title information obtained.

NOTE
- If the information was obtained from the built-in the database or with CD-TEXT, the disk title, track title currently being played, and the artist name is displayed on the source plate. The track title list is displayed in the audio screen.
- With music CDs, the title information cannot always be obtained. Refer to “Obtaining Title Information” (p.1-140).
- If playing a CD in which there are no blanks (i.e. soundless parts) between the tracks, a brief silence between the tracks is still stored to the music server, but this is not a malfunction.

Display Contents

E08111700018



1- Album Name
The name of the album for the track currently being played is displayed.

2- Track Number and Track Name
The number and name of the track currently being played is displayed.

3- HOME
Touch this button to move the cursor to the track currently being played.

4- [^]
Touch this button to display the Sub Menu.

5- Track Number and Track Name
While driving, these are unavailable and cannot be selected.

6- [|◀◀ Track] and [Track ▶▶|]
Touch these buttons to move down and up the tracks. Touch and hold to rewind or fast-forward a track.

7- Cursor
Displays the item currently selected.

8- Cursor Position
Cursor position and total number of album tracks

9- Playback Mode
The currently selected playback mode is displayed.

10- Playback Time
The playback time for the track currently being played is displayed.

11- Artist Name
The name of the artist whose album (track) currently being played is displayed.

Basic Operations

E08111800019

Playback

Insert a CD into the device. Playback or recording is started automatically.

· Refer to “Inserting and Removing Disks” (p. 1-114).
· Refer to “Switching to Audio Screen” (p. 1-111).

TA0029556

Track Selection

Touch either [⏮ Track] or [Track ⏭] to select the track.

TA0029341

[⏮ Track]	Use to select the previous track or the start of the track currently being played. Touch and hold to rewind. Play resumes when the button is released.
[Track ⏭]	Use to select the next track. Touch and hold to fast-forward. Play resumes when the button is released.

Changing the Playback Mode

E08111900010

Repeat playback, random playback, and scan playback can all be performed from the CD playback screen.

Repeat Playback

The track currently being played can be listened to repeatedly.

1. Touch [^].

TA0029370

2. Touch [Repeat].

TA0029569

The track currently being played is played repeatedly.

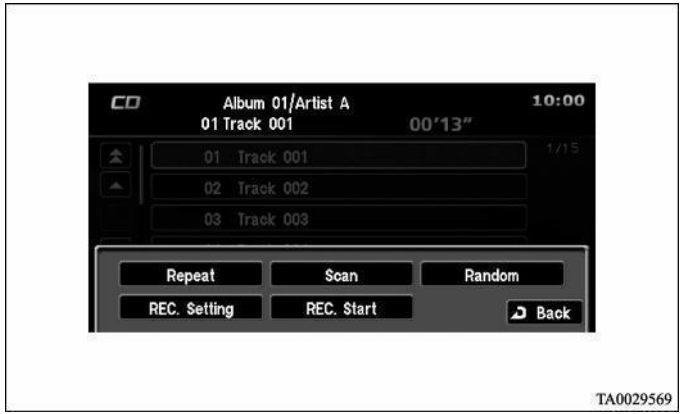
TA0029572

NOTE
- Touch [Repeat] again to cancel repeat playback.
- Repeat playback is disabled during recording.

Scan Playback
The start of each track is played for approximately 10 seconds each. Use to find a desired track.

1. Touch [^].

2. Touch [Scan].



Scan playback will be performed from the track after the track currently being played. Playback of each track on the CD will be performed for approximately 10 seconds.

3. Touch the name of the track during playback.
   Scanning is stopped, and the selected track is played.

NOTE
- Scan playback is cancelled automatically if the scan returns to the first track.
- Even if [Scan] is touched again, scanning is stopped, and the selected track is played.
- Repeat playback is disabled during recording.

Random Playback

The track order can be changed and played randomly on the CD currently being played.

1. Touch [^].

2. Touch [Random].

TA0029569

Tracks on the CD are played in random order.

TA0029598

NOTE

- Touch [Random] again to cancel random playback.
- Repeat playback is disabled during recording.

Recording to the Music Server

E08112000018

Tracks on music CDs can be recorded to the HDD built into this device at approximately x4 speed.

NOTE

- The use of recorded tracks for purposes other than personal enjoyment is prohibited by copyright law.
- Recorded sounds may suffer from noise occurring or the sound quality may be different from original sound.
- Tracks that have been recorded to the music server cannot be reproduced in another medium (CD-R/RW, HDD, etc.)
- Previously recorded tracks cannot be recorded again from the same CD.
- Turning OFF the engine or removing the music CD during recording will result in defective recording.
- During recording, the navigation system may be slow to operate.
- Recording may be slower than the x4 speed due to the processing load on the device or the status of the music CD.
- If sound skipping or other errors occur, return to the start of that track and restart the recording.
- Even if there are no blanks between tracks on the CD, a brief silence is stored in the HDD between tracks.

Displaying during Recording

E08112100019

1- REC symbol
During recording, this symbol is displayed in red, and when all recordings have finished, the display is turned OFF. The numbers describe the percentage of the number of tracks that have finished being recorded out of the total number of CD tracks, so if recording a single track, “00%” is displayed.

2- Recording Status Symbol
Tracks being recorded are displayed in red, and those that are not being recorded are displayed in blue. No symbol is displayed for tracks that have finished being recorded.

Recording

E08112200010

With auto recording, all tracks are recorded automatically when a music CD is inserted, and with manual recording only the selected tracks can be recorded.

NOTE

- If the available HDD space is insufficient, recording is not possible.

Recording Settings

Set the music CD recording method.

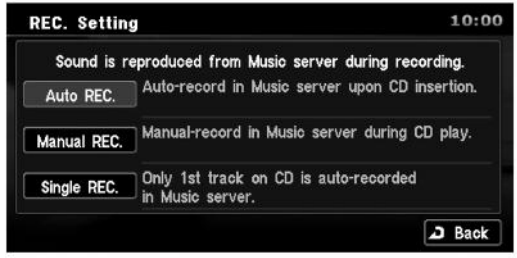
1. During music CD playback, touch [^].

TA0029370

2. Touch [REC. Setting].

TA0029569

3. Touch one of the settings.



TA0029602

4. Touch [Back].
   The recording settings are completed.

[Auto REC.]	Recording to the music server is performed automatically when a music CD is inserted. Refer to “Auto Recording” (p. 1-136).
[Manual REC.]	Tracks can be recorded individually during playback. Refer to “Manual Recording” (p.1-136).
[Single REC.]	Only one track from the music CD is recorded. Refer to “Single Recording” (p. 1-137).

Auto Recording
Recording to the music server is performed automatically when a music CD is inserted.

NOTE
- Recording must have been set to [Auto REC.] in advance. Refer to “Recording Settings” (p. 1-135).

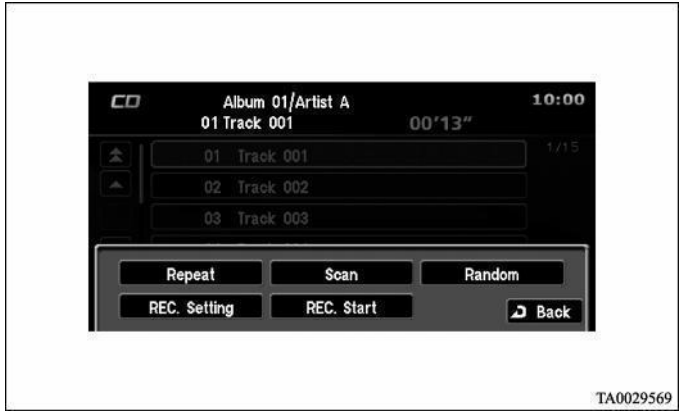
Insert a CD.
All the tracks on the music CD are recorded automatically on the HDD and played back as the recording proceeds without waiting for the recording to complete.

NOTE
- The default factory setting is set to auto recording.
- If a track that has finished being recorded is selected during recording, the recording is continued, and the selected track is played. If a track that has not yet been recorded is selected, the recording underway is stopped and recording of the selected track is started, then the track is played back as the recording proceeds without waiting for the recording to complete.

Manual Recording
Tracks can be recorded individually during playback.

NOTE
- Recording must have been set to [Manual REC.] in advance. Refer to “Recording Settings” (p. 1-135).

1. Play the music CD track to be recorded.
2. Touch [REC. Start].



Recording is started, and the track is played from the start.

NOTE

- If another track is selected during recording, the recording is stopped, and the selected track is played.

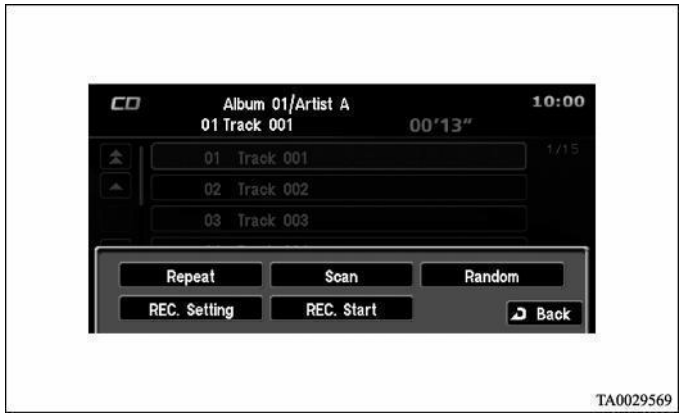
Single Recording

Only one track from the music CD is recorded.

NOTE

- Recording must have been set to [Single REC.] in advance. Refer to “Recording Settings” (p. 1-135).

1. Play the music CD to be recorded.
2. Touch [REC. start].



If the track being played is the first track, recording is started.

TA0029846

NOTE

- If another track is selected during recording, the recording is stopped, and the selected track is played.
- With single recording, recording cannot be started even if [REC. start] is touched when any track other than the first track is being played.

Stopping Recording

E08112300011

1. During music CD recording, touch [^].

TA0029615

2. Touch [REC. stop].

TA0029628

Recording is stopped.

TA0029370

Obtaining Title Information

E08112400012

The playlist title information can be obtained from the Gracenote CDDB database on the HDD. Searching for tracks on the music server, etc., can be performed smoothly by obtaining the title information.

1

Gracenote CDDB

E08112500013

Company Outline

Music identification technology and related data information is supplied by Gracenote and the Gracenote CDDB music identification service. Gracenote is the industry standard for music identification technology and related data information distribution. For details, refer to www.gracenote.com.

The Gracenote CDDB database built into this device cannot assure 100 % the contents of the data.

Patents and Trademarks

For patents and trademarks, refer to “Gracenote CDDB R Music Recognition Service (SM)” (p. 1-16).

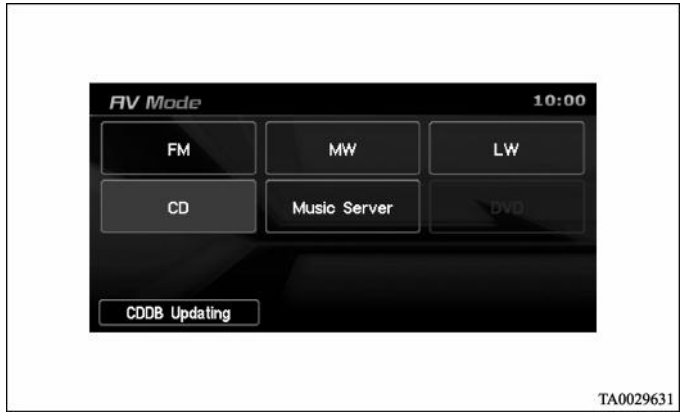
Updating Gracenote CDDB

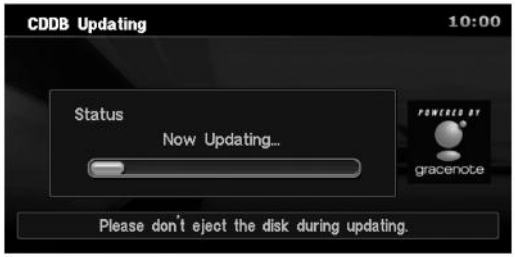
Gracenote CDDB® database on the HDD can be updated.

NOTE

- Do not remove the disk or turn OFF the engine while the update is in progress.
- Map data DVD (sold separately) is necessary to update the Gracenote CDDB database.
- Unless the disk is inserted, [CDDB Updating] is not displayed.
- The update takes approximately five minutes.

1. Insert a disk. Refer to “Inserting and Removing Disks” (p. 1-114).
2. Press the [MODE] key.
3. Touch [CDDB Updating].





TA0029644

NOTE
- If the ACC is turned OFF, the update is incomplete. The obtained update data is deleted. If the ACC is turned OFF and the update is cancelled, perform update again from the start.

Obtaining Title Information

E08112600014

When a music CD is inserted into the device, the title information can be obtained from the built-in HDD automatically at any time. If the title information cannot be obtained, obtain it using the CD text information.
The information that can be obtained is the album title, album artist, track title, track artist, and genre.

NOTE
- If there is no CD text information, the title is displayed as “No Title”, and the artist is displayed as “No Name”.
- Title information from music CDs sold after the period during which this device went on sale cannot be obtained from the HDD. Further, it may not be possible to obtain information from earlier music CDs, either.
- Title information can be obtained for original playlist only.
- After recording a music CD, to obtain the title information, it is necessary to use the music server.

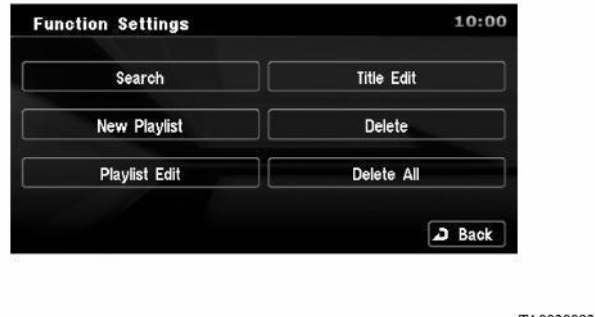
1. Touch [^].

TA0029859

2. Touch [Function Settings].

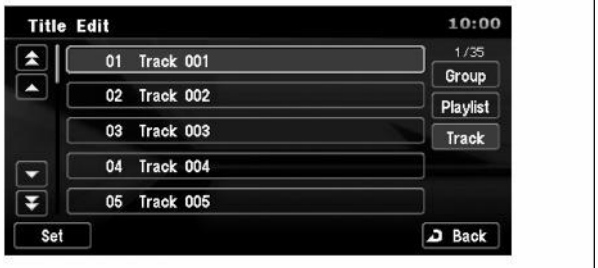
TA0029905

3. Touch [Title Edit].



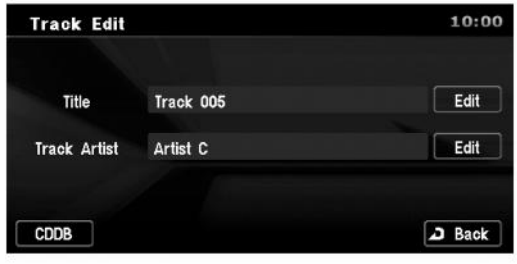
TA0030093

4. Touch the playlist name or track name to be edited. Refer to “Selecting Tracks from the List Screen” (p. 1-171).



TA0029686

5. Touch [CDDB]. If the title information could be obtained, the title candidate selection screen is displayed.



TA0029699

6. Touch the titles to be selected for storage. The selected titles are stored.

[(Album Name)]	Displayed if the information could be obtained.
[N/A]	The title could not be registered. Enter the desired title from the playlist edit screen or the track edit screen. Refer to “Changing Title” (p. 1-199).

Listening to MP3/WMA Discs

E08112700015

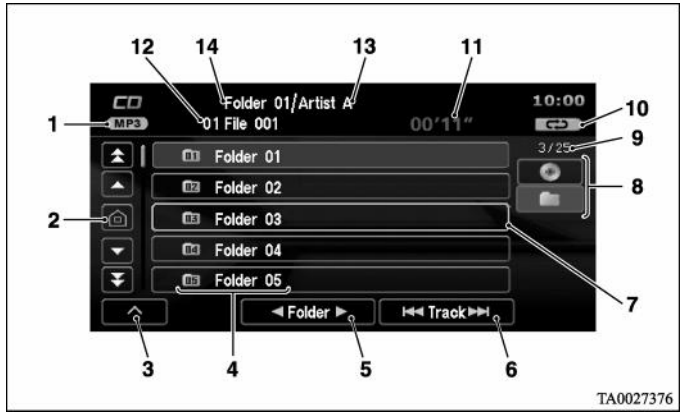
If an MP3/WMA disk is inserted into the device, the display is switched automatically to the CD screen, and track playback is started.

NOTE

- This manual mainly explains MP3 playback. WMA playback, however, is a similar operation.
- Tracks on MP3/WMA disks cannot be saved to the music server.
- To display title information such as artist name and album title, etc., the ID3 Tag or WMA Tag information must be included in the MP3/WMA file on the disk. Refer to “MP3/WMA files” (p. 1-156).

Display Contents

E08112800016



1- MP3/WMA Mark
Describes the type of media currently being played.

2- HOME
Touch this button to move the cursor to the track currently being played.

3- [^]
Touch this button to display the Sub Menu.

4- Folder Number/Folder Name
With track lists, the track number and file name (excluding the extension) is displayed.

5- [◄ Folder] and [Folder ►]
Touch these buttons to move down and up the folders.

6- [⏮ Track] and [Track ⏭]
Touch these buttons to move down and up the tracks. Touch and hold to rewind or fast-forward a track.
7- Cursor
Displays the item currently selected.
8- Folder Layer Button
Touch this button to display the list of upper layer folders.
9- Cursor Position
Cursor position/total number of folders or tracks at current level.
10- Playback Mode
The currently selected playback mode is displayed.
11- Playback Time
The playback time for the track currently being played is displayed.
12- Track Number and Track Name
The number and name of the track currently being played is displayed.
13- Artist Name
The name of the artist whose track (folder) is currently being played is displayed.
14- Album Name (Folder Name)
The name of the album (name of the folder) for the track currently being played is displayed.

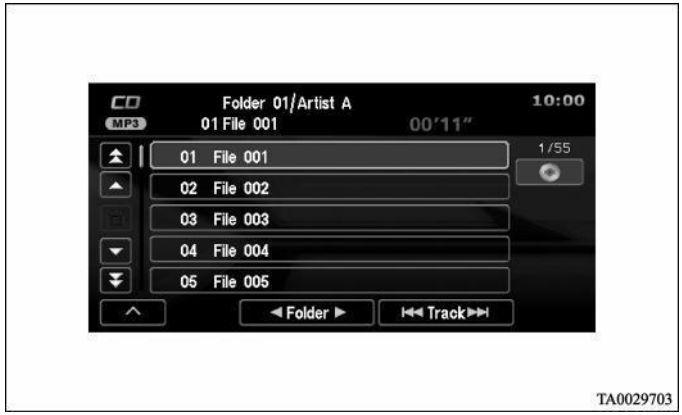
Basic Operations

E08112900017

Playback

Insert an MP3/WMA disc into the device. Playback is started automatically.

· Refer to “Inserting and Removing Disks” (p. 1-114).
· Refer to “Switching to Audio Screen” (p. 1-111).

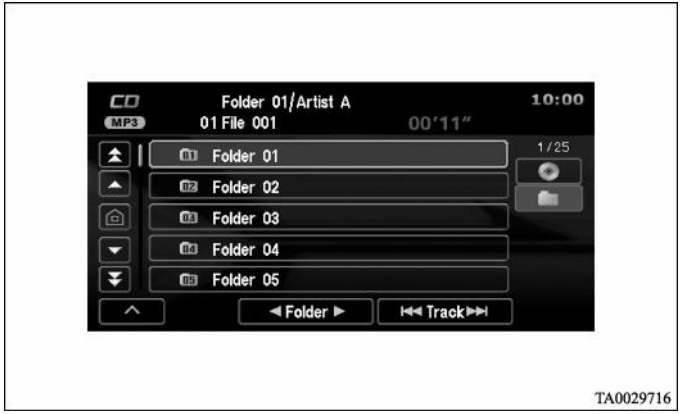


TA0029703

Moving Folders

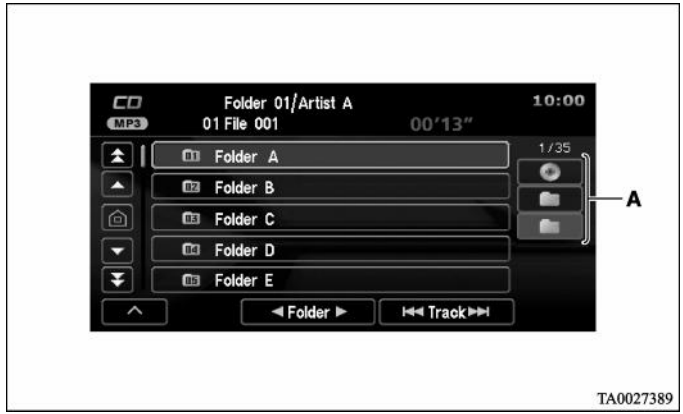
Folders can be moved by one layer at a time.

1. Touch the folder name. Each time a folder name is touched, the lower layer folder list is displayed, and the folder layer mark is increased.



TA0029716

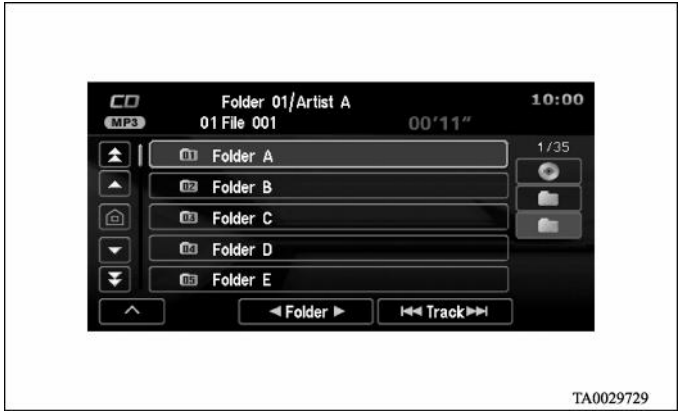
2. Touch the folder layer button (A). The selected folder list is displayed.



TA0027389

Track Selection

Touch either [◀ Folder] and [Folder ▶], or [⏮ Track] and [Track ⏭].



[◀ Folder]	Selects the previous folder.
[Folder ▶]	Selects the next folder.
[⏮ Track]	Use to select the previous track or the start of the track currently being played. Touch and hold to rewind. Play resumes when the button is released.
[Track ⏭]	Use to select the next track. Touch and hold to fast-forward. Play resumes when the button is released.

Changing the Playback Mode

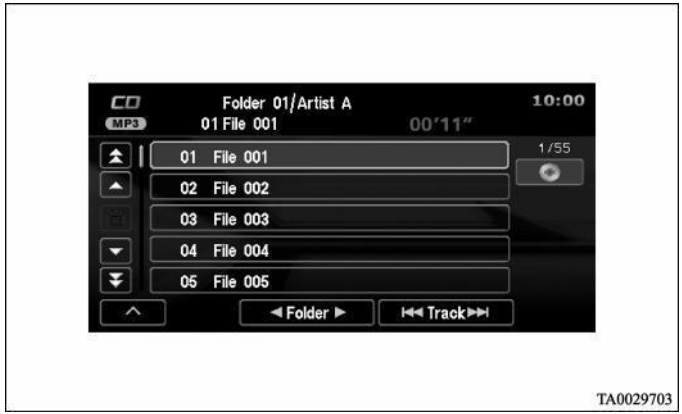
E08113000015

Repeat playback, random playback, and scan playback can all be performed from the MP3/WMA disk playback screen.

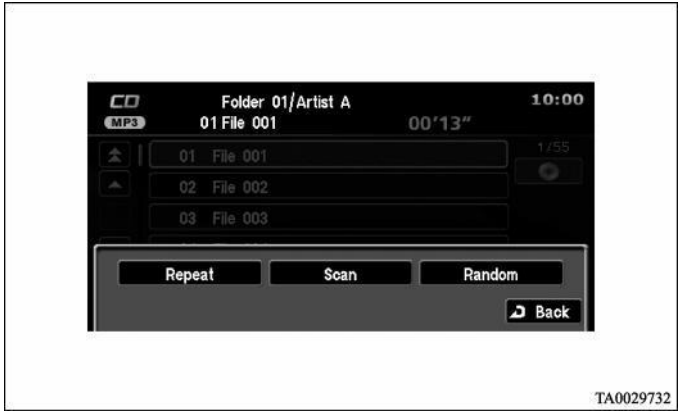
Repeat Playback

The track currently being played can be listened to repeatedly.

1. Touch [^].



2. Touch [Repeat].



The track currently being played plays repeatedly.

3. Touch [Repeat] again. All tracks in the folder currently being played play repeatedly.

NOTE

- Each time [Repeat] is touched, the playback mode changes as follows: Repeat → Folder Repeat → Off.

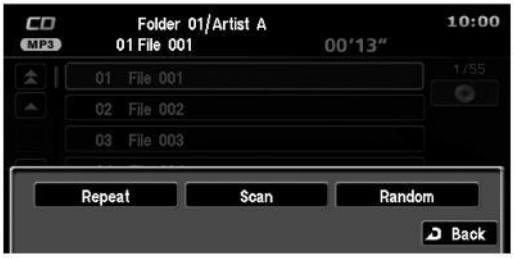
Scan Playback

The start of each track is played for approximately 10 seconds each. Use to find a desired track.

1. Touch [^].

TA0029703

2. Touch [Scan].



TA0029732

Performs scan playback on the first track in all the folders on the disc.

TA0029761

3. Touch [Scan] again. Performs scan playback on the first track in all the folders on the disk.

NOTE

- Each time [Scan] is touched, the playback mode changes as follows: Scan → Folder Scan → Off.

4. Touch the name of the track during playback. Scanning is stopped, and the selected track is played.

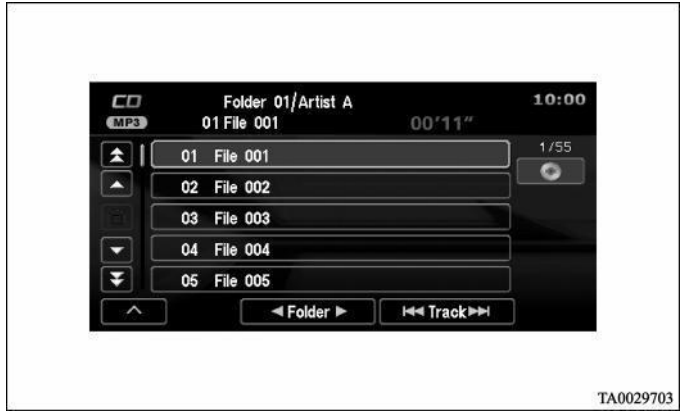
NOTE

- Scan playback is cancelled automatically if the scan returns to the first track.

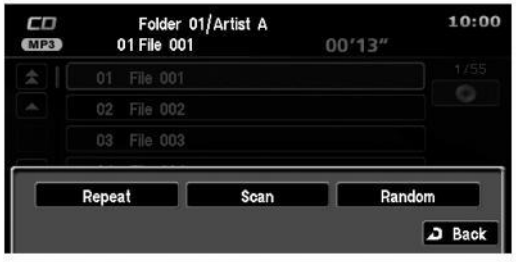
Random Playback

The track order can be changed and played randomly on the MP3/WMA disk currently being played.

1. Touch [^].

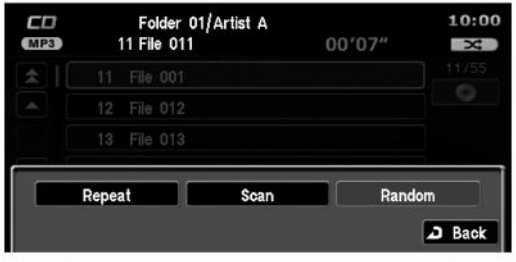


2. Touch [Random].



TA0029732

Performs random playback on all the tracks in the folder currently being played.



TA0029790

3. Touch [Random] again. Performs random playback on all the tracks on the disk.

TA0029804

NOTE

- Each time [Random] is touched, the playback mode changes as follows: Random → All Random → Off.

Supported disc types

E08113100016

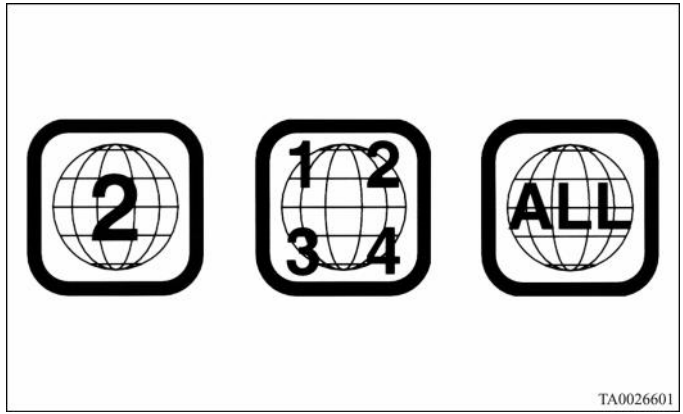
DVD video

E08113200017

Discs with the mark (logo) to the left displayed (the “DVD” logo with “Video” printed below) can be played.

Region numbers

- DVD video has regional playback restriction settings. The playback region restrictions are displayed as the region number, and a video cannot be played on equipment with any other region code.
- DVD videos with the region number or “ALL” displayed can be played on the system.
- DVD videos with the following marks displayed on the package are supported. (For example: in the case of a “2” region number)

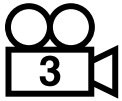


Region number	Region
1	North America (including the United States, Canada, etc.)
2	Japan, Europe, Middle East, (including Japan, UK, France, the other European countries, Saudi Arabia, etc.)
3	Southeast Asia (including South Korea, Taiwan, Singapore, Hong Kong, and other Southeast Asian countries)
4	Pacific Region, South America (including Australia, New Zealand, Brazil, Argentina, and other South American countries)

Region number	Region
5	Russia, Africa (including Russia, Ukraine, Ethiopia, Kenya, and other African countries)
6	Mainland China (China)

Marks on the package

The marks displayed on the package signify the following.

Mark: example	Meaning of mark
	Region number
	Number of camera angles available.
	Number of subtitle languages available.
	Number of languages available.

Music CD

E08113300018

CDs with the mark (logo) below can be played.

CD-DA (8 cm, 12 cm music disc)

CD-R/CD-RW

CD-TEXT (8 cm, 12 cm)

TA3000936

1

MP3/WMA

E08113500010

CD-ROM and CD-R/RW discs with MP3/WMA format files written on a computer can be played on the system.
There are restrictions on the type of files and media that can be used, so read the following information carefully before writing MP3/WMA files to discs. Also be sure to carefully read the user manual for your CD-R/RW drive or recording software and use your equipment accordingly.

NOTE

- Never give copies of music CDs or files to others or upload them to an Internet server, as such behaviour is illegal, whether for profit or not.
- Do not change the file extension of any file that is not MP3 to ".mp3" or any file that is not WMA to ".wma". Playing discs with such files can cause system recognition errors that result in loud noise that could damage your speakers.
- Proper playback may be impossible, depending on the recorder and recording software used to write to the disc. In such cases, refer to the user manual for the device or software that was used.
- Extensions are sometimes not added, depending on the computer operating system, version, software, or settings. In such cases, add either ".mp3" or ".wma" extensions and then write to disc.
- Unsupported MP3 and WMA files may not playback properly, and file and folder names may not be displayed properly.

What are MP3/WMA?

E08113600011

MP3 is an abbreviation of "MPEG-1 Audio Layer 3".
MPEG is an abbreviation of "Motion Pictures Experts Group", which is a standard for compressing digital video data for use in media such as video CDs.
MP3 is one of the audio compression schemes covered by the MPEG digital audio compression standards. MP3 compression reduces the number of bytes in a song by eliminating large sound waves within the sound range that is imperceptible to the human ear, producing high quality audio files with a low volume of data.
MP3 compression allows for the contents of a conventional music CD to be reduced by a factor of about 10. This means that the contents of 10 music CDs can be recorded on a single CR-R or CD-RW.
WMA is an abbreviation of Windows Media Audio, which is another audio compression standard.
WMA can be used to create and save audio files at a higher compression rate than with MP3.
Microsoft, Windows Media, and Microsoft Corporation are registered trademarks in the United States and/or other countries.

Supported MP3/WMA standards

E08113700012

Compatible CD-R/RW formats are listed below.

Name	Standard	Description	
CD-R/RW format specifications	ISO9660	Level 1	Has file names with a maximum of 8 characters and extensions with 3 characters. (Capital roman characters and the underscore "_" can be used.)
	ISO 9660 expansion	Joliet	A maximum of 64 characters can be used as file names.
Multisession	Supported		
Maximum number of trees	8 trees (including roots)		
Maximum number of folders	255 folders		
Maximum number of files	400 files (Total number on the disc, not including files other than MP3 and WMA)		

Supported MP3 file specifications are listed below.

Item		Contents
Standard		MPEG1 AUDIO LAYER3 MPEG2 AUDIO LAYER3
Sampling frequency [Hz]	MPEG1	32k/44.1k/48k
	MPEG2	16k/22.05k/24k
Bit rate [kbps]	MPEG1	32/40/48/56/64/80/96/112/128/160/192/224/256/320
	MPEG2	32/40/48/56/64/80/96/112/128/144/160
Variable bit rate (VBR)		Supported
Channel mode		Stereo/joint stereo/dual channel/monaural
ID3-Tag		Ver. 1.0, Ver 1.1, title, artist name, album name
Max. number of levels		8 (including the root directory)
Max. number of folders		255 folders
Max. number of files		400 files (Total number on disk. Does not include other than MP3 or WMA files.)

Supported WMA file specifications are listed below.

Item		Contents
Standard		Windows Media Audio Version7.0
Sampling frequency [Hz]		22.05k/32k/44.1k/48k
Bit rate [kbps]	Sampling frequency [Hz]	22.05k .....32 32k ..... 48, 64 44.1k ..48, 64, 80, 96, 128, 160, 192, 256, 320 48k 64, 96, 128, 160, 192
VBR (Variable bit rate)		Supported
Channel mode		Stereo/monaural
WMA-Tag		Title, artist name, album name
Max. number of levels		8 (including the root directory)
Max. number of folders		255 folders
Max. number of files		400 files (Total number on disk. Does not include other than MP3 or WMA files.)

MP3/WMA files

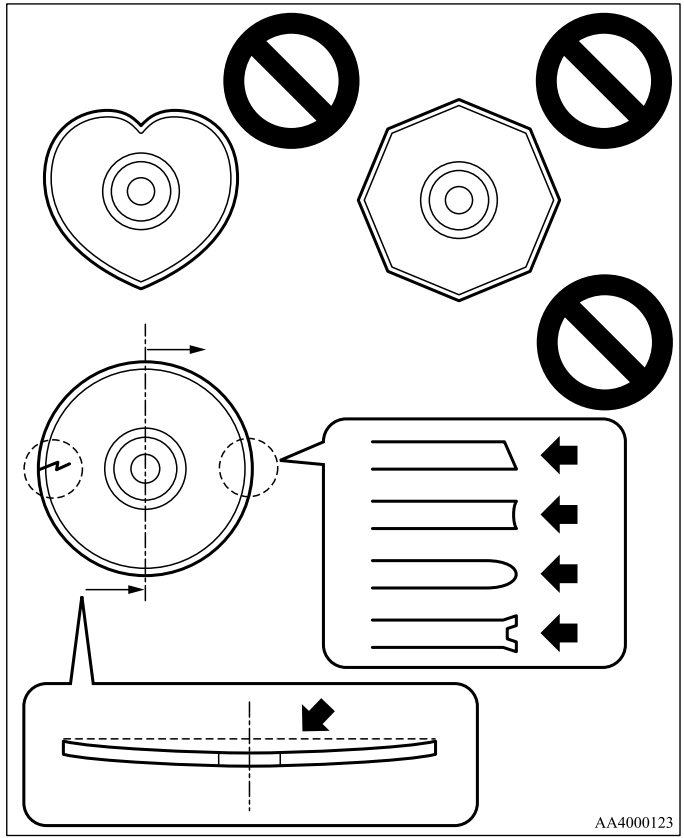
E08113800013

- In MP3 and WMA files, data such as song names, artist names, album names, and genre names are recorded as an “ID3-Tag” or a “WMA-Tag”, and this information can be indicated on screens such as the system display.
- Any player that supports MP3/WMA will recognize folder trees in the same way that a computer does: [genre] → [artist] → [album] → [song (MP3/WMA file)], and songs are searchable in this way.

Handling of discs

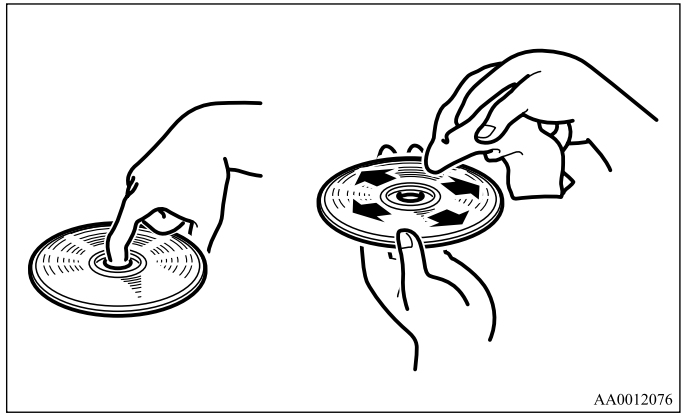
E08113900014

- The use of special shaped, damaged discs (like cracked discs) or low-quality discs (like warped discs or burrs on the discs) will damage the DVD player.



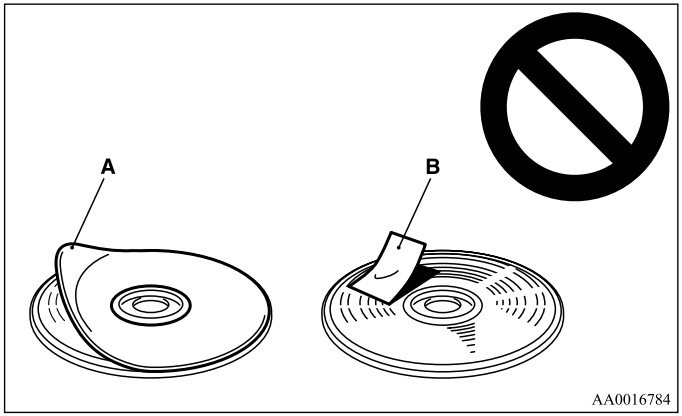
- In the following circumstances, moisture can form on discs and inside the audio system, preventing normal operation.
  - When there is high humidity (for example, when it is raining).
  - When the temperature suddenly rises, such as right after the heater is turned on in cold weather.

  In this case, wait until the moisture has had time to dry out.
- When the DVD player is subjected to violent vibrations, such as during off-road driving, the tracking may not work.
- When storing discs, always store them in their separate cases. Never place discs in direct sunlight, or in any place where the temperature or humidity is high.
- Never touch the flat surface of the disc without a label. This will damage the disc surface and could affect the sound quality. When handling a disc, always hold it by the outer edge and the centre hole.
- To clean a disc, use a soft, clean, dry cloth. Wipe directly from the centre hole toward the outer edge. Do not wipe in a circle. Never use any chemicals such as benzine, paint thinner, a disc spray cleaner, or an anti-static agent on the disc.



- Do not use a ball point pen, felt pen, pencil, etc. to write on the label surface of the disc.

- Do not put additional labels (A) or stickers (B) on compact discs. Also, do not use any compact disc on which a label or sticker has started to peel off or any disc that has stickiness or other contamination left by a peeled-off label or sticker. If you use such a compact disc, the DVD player may stop working properly and you may not be able to eject the disc.



Notes on CD-Rs/RWs

E08114000012

- You may have trouble playing back some CD-R/RW discs recorded on CD recorders (CD-R/RW drives), either due to their recording characteristics or dirt, fingerprints, scratches, etc. on the disc surface.
- CD-R/RW discs are less resistant to high temperatures and high humidity than ordinary music CDs. Leaving them inside a vehicle for extended periods may damage them and make playback impossible.
- The unit may not successfully play back a CD-R/RW that was made by the combination of writing software, a CD recorder (CD-R/RW drive) and a disc if they are incompatible with one another.
- This player cannot play the CD-R/RW discs if the session is not closed.
- Be sure to observe the handling instructions for the CD-R/RW disc.

⚠ *WARNING*

- **Operating the DVD player in a manner other than specifically instructed herein may result in hazardous radiation exposure. Do not remove the cover and attempt to repair the DVD player by yourself. There are no user serviceable parts inside. In case of malfunction, we recommend you to have it checked.**

Copyright

E08114100013

This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited.

Music Server

E08114300015

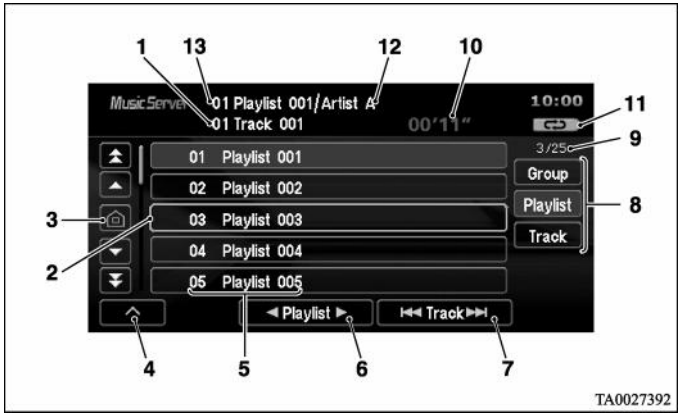
The music server can play and record CD tracks. It is part of the MMCS hard drive device (HDD).

NOTE

- The tracks on the HDD cannot be transferred to another vehicle's navigation/audio system, and the HDD itself cannot be replaced.
- Tracks that have been recorded to the HDD cannot be reproduced in another medium (CD-R, MD, etc.)

Display Contents

E08114400016



1- Track Number and Track Name
The number and name of the track currently being played is displayed.

2- Cursor
Displays the item currently selected.

3- HOME
Touch this button to move the cursor to the track currently being played.

4- [^]
Touch this button to display the Sub Menu.

5- Number/Title
Group lists: Group number and group name
Playlists: Playlist number and playlist name
Track lists: Track number and track name

6- [◄ Playlist] and [Playlist ►]
Touch these buttons to move down and up the playlists.

7- [I◄◄ Track] and [Track ►►I]
Touch these buttons to move down and up the tracks. Touch and hold to rewind or fast-forward a track.

8- List Button
Touch this button to display the group list, playlist, and track list.

9- Cursor Position
Group lists: Cursor position and total number of groups
Playlists: Cursor position and total number of playlists
Track lists: Cursor position and total number of tracks

10- Playback Time
The playback time for the track currently being played is displayed.

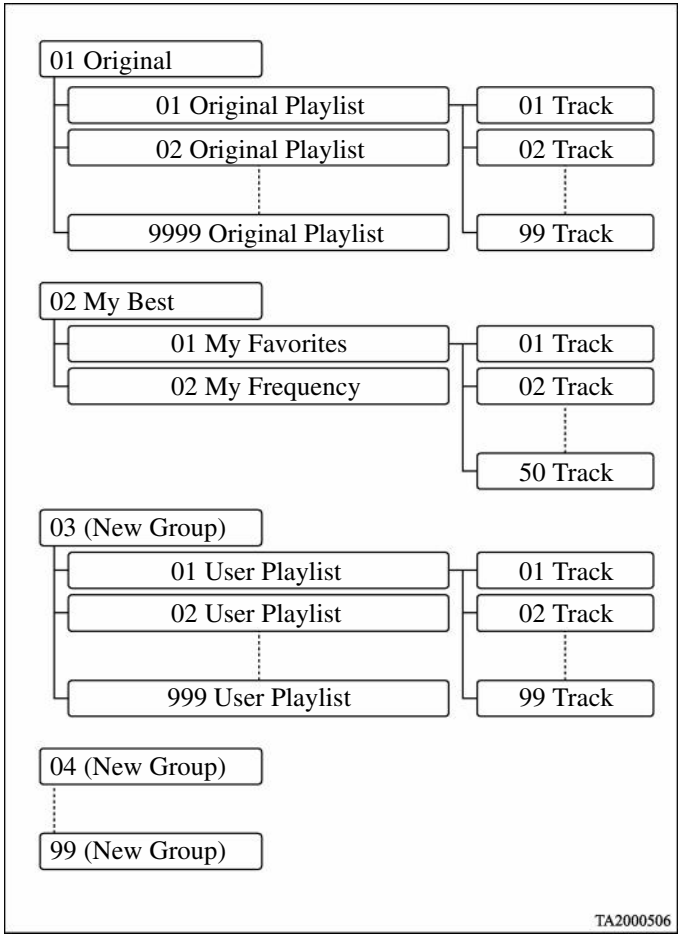
11- Playback Mode
The currently selected playback mode is displayed.

12- Artist Name
The name of the artist whose track (playlist) is currently being played is displayed.

13- Playlist Number/Playlist Name
The number and name of the playlist currently being played is displayed.

Configuration

E08114500017



Group

E08114600018

Available music server groups already set at the factory are "Original" and "My Best". User groups are created by the customer.

"Original" Group

- The location to which the original playlist that is created automatically when a track from a music CD is stored. The group number is "01".
- User playlists cannot be stored in the "Original" Group.
- This group cannot be deleted, and nor can its name be changed.
- A maximum of 9999 original playlists can be stored.

"My Best" Group

- The location to which playlists, etc, created automatically based on the information played by the Music Server are stored. The group number is "02".
- "My Favourites" and "My Frequency" are stored.
- This group cannot be deleted, and nor can its name be changed.

User Group (New Group)

- The location to which user playlists are stored. The group numbers are "03" to "99".
- A maximum of 999 user playlists can be stored in one User Group.
- This group can be newly created (97 user playlists max), deleted, or the name can be changed.

Playlist

E08114700019

A playlist is a location that can store a maximum of 99 tracks.

Original Playlist

- A playlist created automatically when recording from a music CD.
- Normally, these playlists are managed separately for each music CD album.
- Different from user playlists, these playlists store the tracks comprising the actual data.
- The playlist names and artist names can be changed, deleted, and the genre set.

My Favourites

- The location where favourite tracks can be stored easily.
- Tracks can be deleted, their playback order changed, and tracks can be stored.

My Frequency

- The playlist to which tracks are automatically stored and updated from the original playlist.
- The playback order cannot be changed, and tracks cannot be added.

User Playlist

- The playlist to which favourite tracks that have been selected from the original playlist by the customer can be registered.
- Tracks in user playlists constantly reference tracks in the original playlist, and so are not actual data. Consequently, if the tracks in the original playlist are deleted, the referenced track in the user playlist is also deleted.
- Groups can be changed, playlist names, and artist names can be changed and deleted, the playback order can be changed, and tracks can be stored.

Listening to the Music Server

E08114800010

Basic Operations

E08114900011

Playback

Press the [MODE] key, and touch [Music Server].

TA0029338

The Music Server screen is displayed, and playback starts automatically.

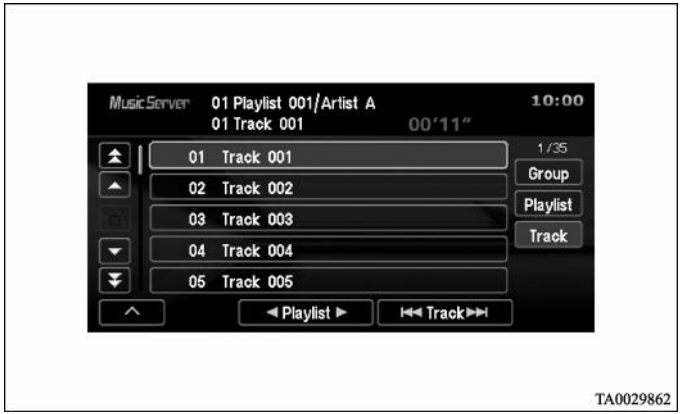
TA0029657

NOTE

- All playlists play repeatedly.
- The Music Server can play even while a music CD is being recorded. The Music Server cannot play tracks being recorded until the recording has been completed.

Track Selection

Touch [◀ Playlist] and [Playlist ▶] or [⏮ Track] and [Track ⏭] to select the track.



[◀ Playlist] To select the previous playlist.

[Playlist ▶] To select the next playlist.

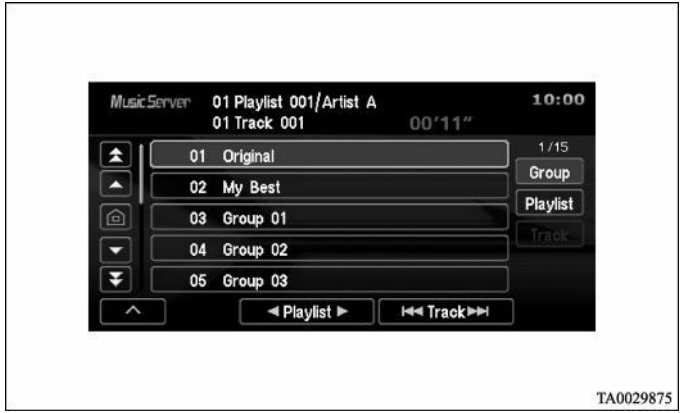
[⏮ Track] To select the previous track or the start of the track currently being played. Touch and hold to rewind. Play resumes when the button is released.

[Track ⏭] To select the next track. Touch and hold to fast-forward. Play resumes when the button is released.

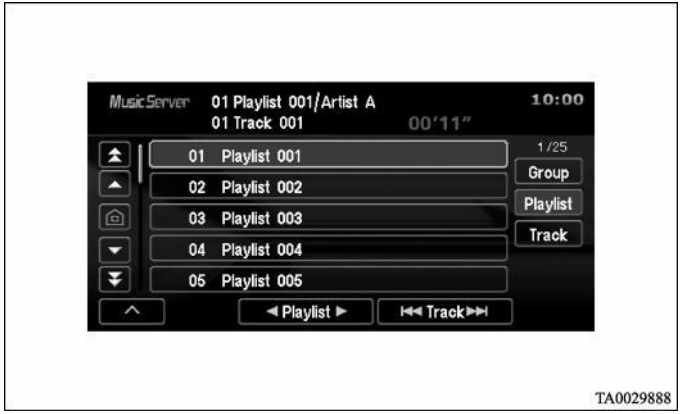
Switching Lists

You can toggle between the group lists, playlists, and track lists.

1. Touch [Group]. The group list is displayed.

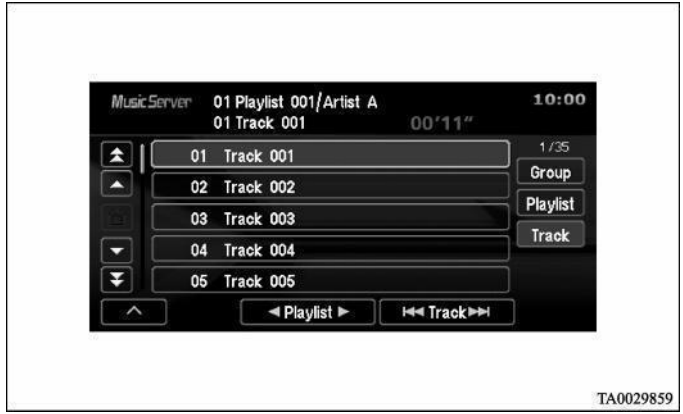


2. Touch [Playlist]. The list of playlists is displayed.



TA0029888

3. Touch [Track]. The list of tracks is displayed.



TA0029859

NOTE

- It is not possible to toggle directly from group list to track list.

Changing the Playback Mode

E08115000019

Repeat playback, random playback, and scan playback can all be performed from the Music Server playback screen.

NOTE

- Repeat playback, random playback, and scan playback cannot be performed by group.

Repeat Playback

The track currently being played can be listened to repeatedly.

1. Touch [^].

TA0029859

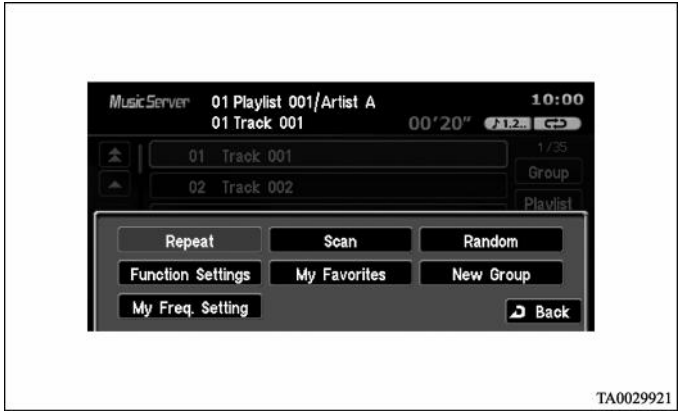
2. Touch [Repeat].

TA0029905

The track currently being played plays repeatedly.

TA0029918

3. Touch [Repeat] again. All tracks in the playlist currently being played play repeatedly.



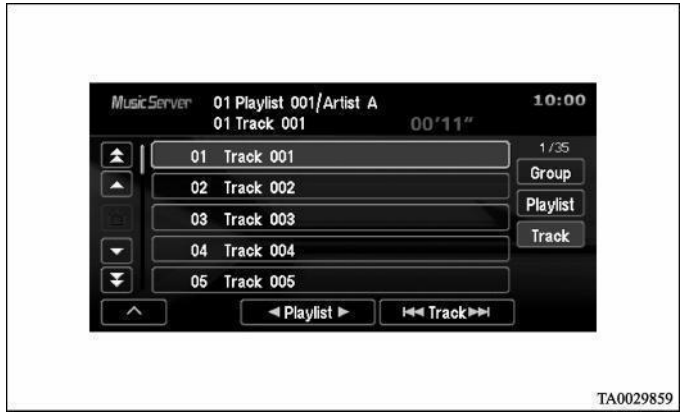
NOTE

- Each time [Repeat] is touched, the playback mode changes as follows: Repeat → Playlist Repeat → Off.

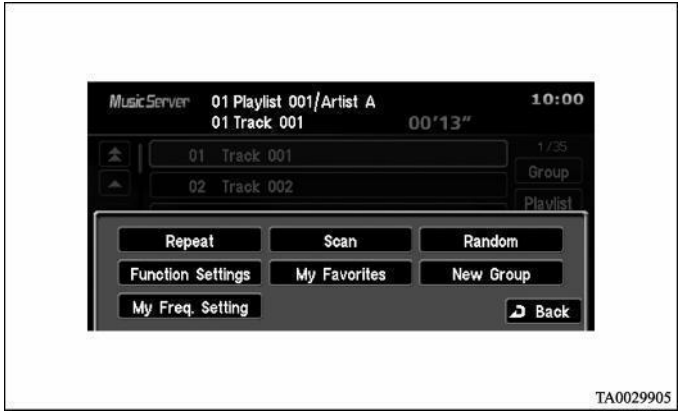
Scan Playback

The start of each track is played for approximately 10 seconds each. Use to find a desired track.

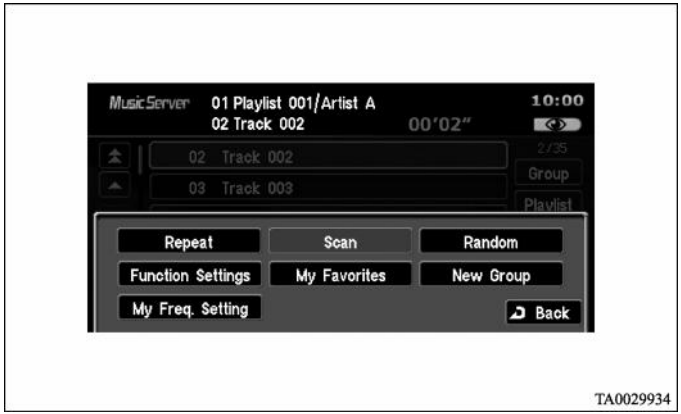
1. Touch [^].



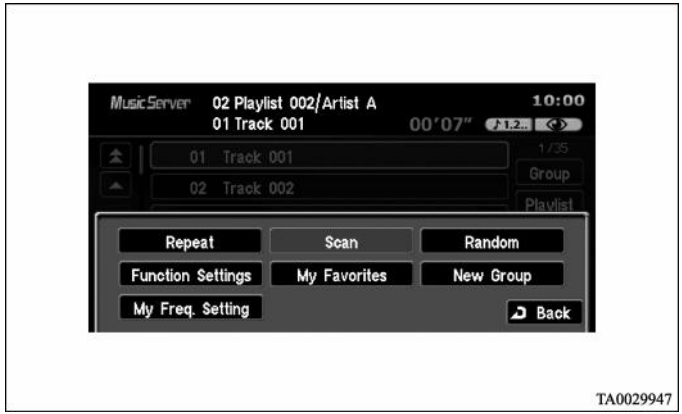
2. Touch [Scan].



Performs scan playback on all the tracks in the playlist currently being played.



3. Touch [Scan] again. Performs scan playback of the first track in all playlists in the group currently being played.



NOTE

- Each time [Scan] is touched, the playback mode changes as follows: Scan → Playlist Scan → Off.

4. Touch the name of the track during playback. The track currently being scanned is played.

NOTE

- Scan playback is cancelled automatically if the scan returns to the first track.

Random Playback

The track order can be changed and played randomly on the Music Server currently being played.

1. Touch [^].

TA0029859

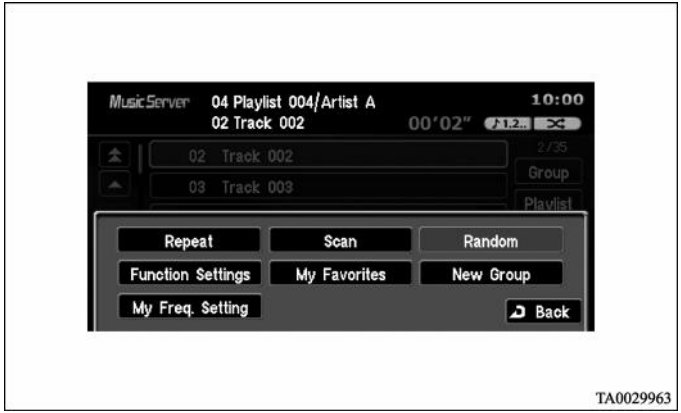
2. Touch [Random].

TA0029905

Performs random playback on all the tracks in the playlist currently being played.

TA0029950

3. Touch [Random] again. Performs random playback of all the tracks in the [Original] group.



NOTE

- Each time [Random] is touched, the playback mode changes as follows: Random → Playlist Random → Off.

Searching for Desired Tracks

E08115100010

Selecting Tracks from the List Screen

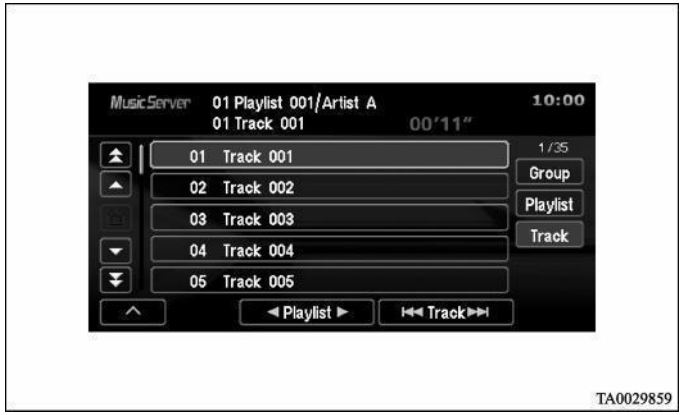
E08115200011

Groups, playlists, and tracks to which the desired track has been saved can be selected and played.

NOTE

- When searching for a track, touch [HOME] to display the track list of the track currently being played.

1. Touch [Group]. The group list is displayed.



2. Touch one of the groups.

TA0029875

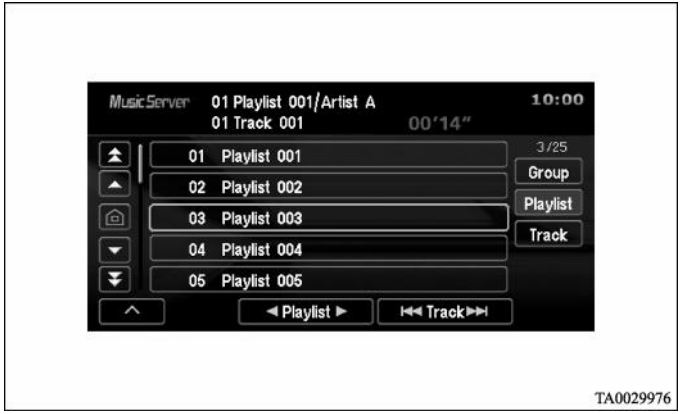
3. Touch [Playlist]. The list of playlists is displayed.

TA0029888

NOTE

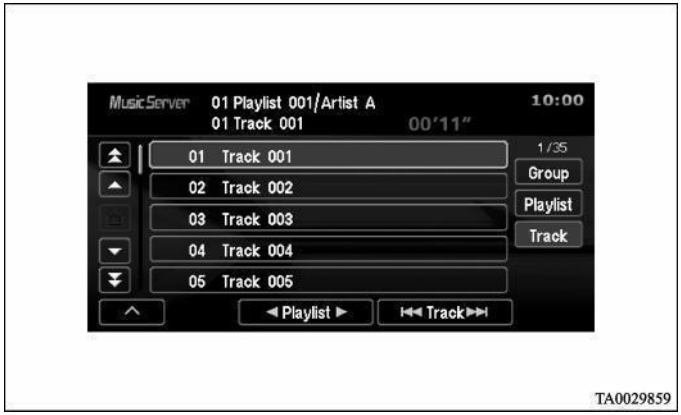
- The list of playlists is also displayed if a group name in the list is touched.

4. Touch one of the playlists.



TA0029976

5. Touch [Track]. The list screen of tracks is displayed.

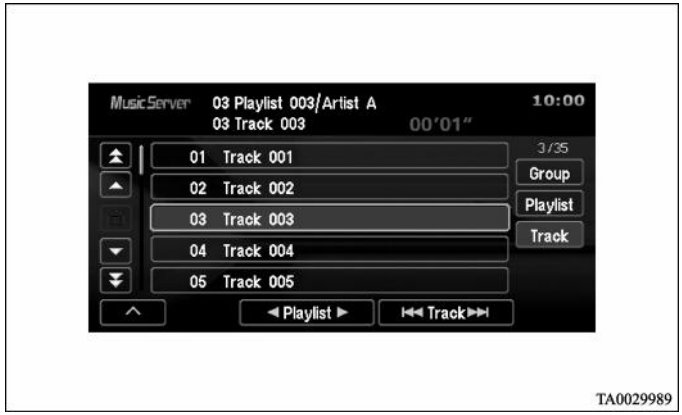


TA0029859

NOTE

- Touch the name of a playlist in the list. The first track is played.
- Touch [My Frequency] in the My Best group. The track lists are automatically updated using the conditions specified in "Setting the "My Frequency" conditions" (p. 1-191).

6. Touch one of the track names. The track is played.



TA0029989

Searching Using the Search Function

E08115300012

You can search for a track in the Music Server in several ways. Search conditions can be a combination of the recording period, genre, playlist name, track name, artist name, number of playbacks, and playback period.

1. Touch [^].

TA0029859

2. Touch [Function Settings].

TA0029905

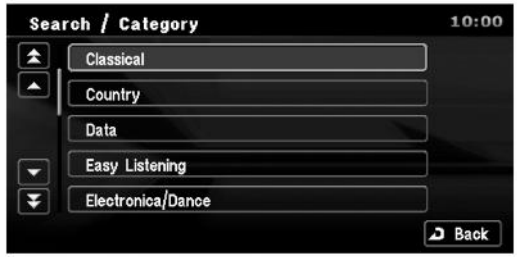
3. Touch [Search].

TA0030093

4. Touch the item to select. Refer to “Table of Search Conditions” (p. 1-179).

TA0030006

5. Touch one of the conditions.
Repeat step 4 and step 5 above to specify the conditions.



TA0030019

6. Touch [Search Start]. A list of tracks that satisfy the search conditions are is displayed.

TA0030022

7. Touch one of the track names. The track is played.

TA0030035

NOTE

- Even if the display is switched to the Navi screen during a search, the search continues, and a message is displayed after the search has been completed.
- If there are no tracks that satisfy the search conditions, a message is displayed, and the search ends.

Registering Search Results to a Playlist

Tracks in lists that are displayed as a result of searches using the search function can be registered to newly-created playlists.

NOTE

- The playlists created here are all user playlists. Refer to "User Playlist" (p. 1-163).

1. Search for tracks using the search function. Refer to "Searching Using the Search Function" (p. 1-174).
2. Touch [Create Playlist].

TA0030035

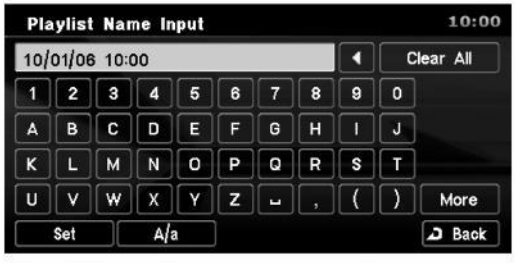
3. Touch the group to be used for storage.

TA0030048

NOTE

- To select a group, a user group must been created beforehand. Refer to "Creating User Groups" (p. 1-181).
- If a group has not been created, a group with the name of today's date is created automatically, and go to next step.
- Group names can be edited. Refer to "Changing Group Names" (p. 1-201).

4. Enter the playlist title. Refer to “How to Enter Text” (p. 1-35).

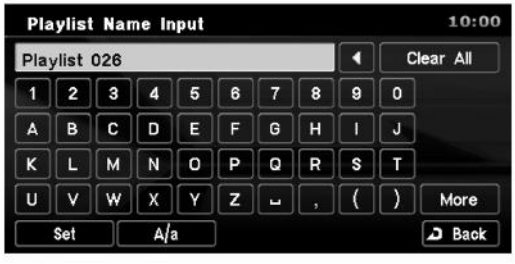


TA0030051

NOTE

● The date has been entered as playlist name beforehand.

5. Touch [Set]. The search result tracks are registered to the newly-created playlist, and registered to the selected group.



TA0030064

Table of Search Conditions

The setting (default setting) immediately after purchase is "No Limit".

Item	Condition	Details
Recorded Time]	[No Limit]	Excludes the recording period from the search conditions.
	[Within a Week]	Searches for tracks recorded within the past week
	[Within a Month]	Searches for tracks recorded within the past month
	[Within Half a Year]	Searches for tracks recorded within the past six months.
	[Half a Year or More Before]	Searches for tracks recorded no earlier than the past six months.
	[Within a Year]	Searches for tracks recorded within the past year.
	[A Year or More Before]	Searches for tracks recorded no earlier than the past year.
	[Within Three Year]	Searches for tracks recorded within the past three years.
	[Three Year or More Before]	Searches for tracks recorded no earlier than the past three years.
Category	[No Limit]	Excludes genre from the search conditions.
	[Category]	Searches for tracks in one relevant genre.
Playlist Name	[No Limit]	Excludes the playlist name from the search conditions.
	[Keyboard Input]	Enter part of the playlist name using the character input screen to perform a search. Refer to "How to Enter Text" (p. 1-35).
	[Playlist Name]*1	Searches for tracks in one relevant playlist name.
Track Name	[No Limit]	Excludes the track name from the search conditions.
	[Keyboard Input]	Enter part of the track name using the character input screen to perform a search. Refer to "How to Enter Text" (p. 1-35).
	[Track Name]*1	Enter part of the track name using the character input screen to perform a search. Refer to "How to Enter Text" (p. 1-35).

Item	Condition	Details
Artist Name	[No Limit]	Excludes the artist name from the search conditions.
	[Keyboard Input]	Enter part of the artist name using the character input screen to perform a search. Refer to “How to Enter Text” (p. 1-35).
	[Artist Name]*1	Searches for tracks with the relevant artist name(s).
Play Count	[No Limit]	Excludes number of playback from the search conditions.
	[0 Time]	Searches for tracks that have never been played.
	[1~5 Times Repeat]	Searches for tracks that have been played one to five times in the past.
	[6 Over Times Repeat]	Searches for tracks that have been played six or more times in the past.
Played Time	[No Limit]	Excludes the playback period from the search conditions.
	[Within Half a Year]	Searches for tracks played within the past six months.
	[Half a Year or More Before]	Searches for tracks played at least six months ago.
	[Within a Year]	Searches for tracks played within the past year.
	[A Year or More Before]	Searches for tracks played more than a year ago.
	[Within Three Year]	Searches for tracks played within the past three years.
	[Three Year or More Before]	Searches for tracks played more than three years ago.

*1: If a name is not registered in the title information, the name is not displayed in the conditions list.

Editing User Groups

E08115400013

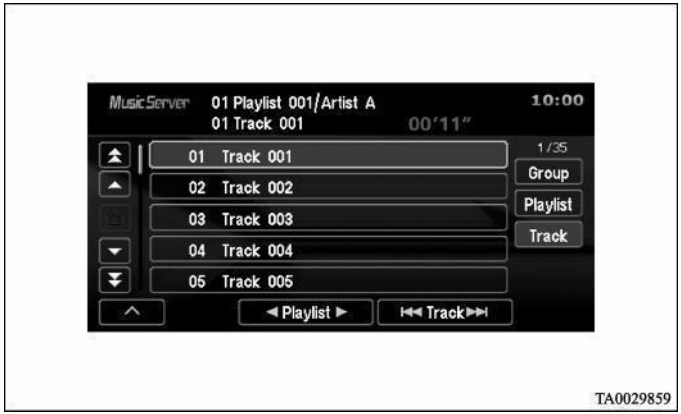
User groups, user playlists, and user tracks can be edited.

Creating User Groups

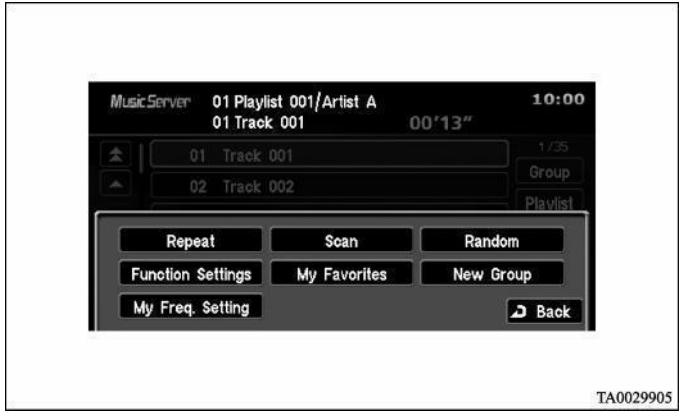
E08115500014

New groups can be created, and registered to the group list on the Music Server.

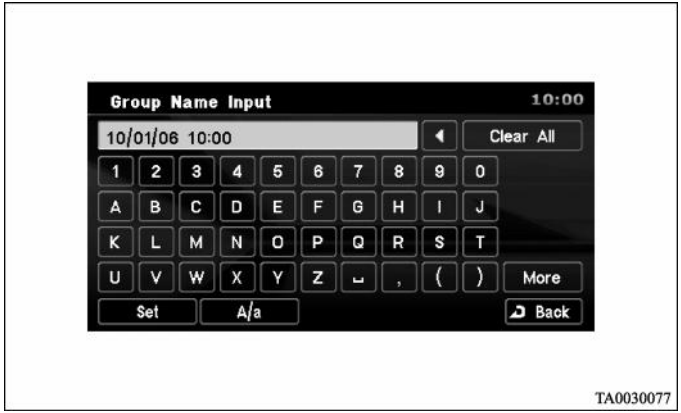
1. Touch [^].



2. Touch [New Group].



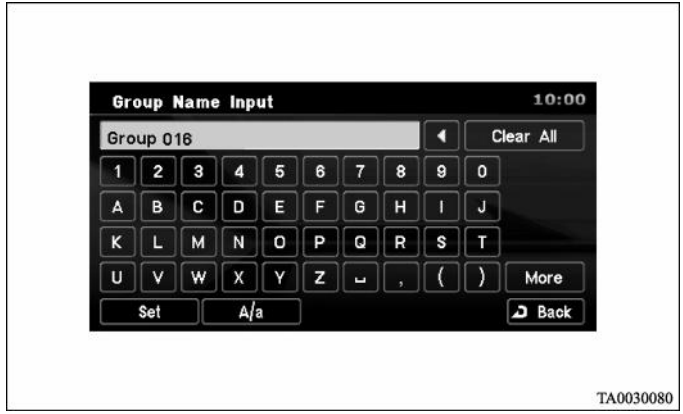
3. Enter the name of the new group. Refer to “How to Enter Text” (p. 1-35).



NOTE

● The date has been entered as the group name beforehand.

4. Touch [Set]. The group is registered to the list.

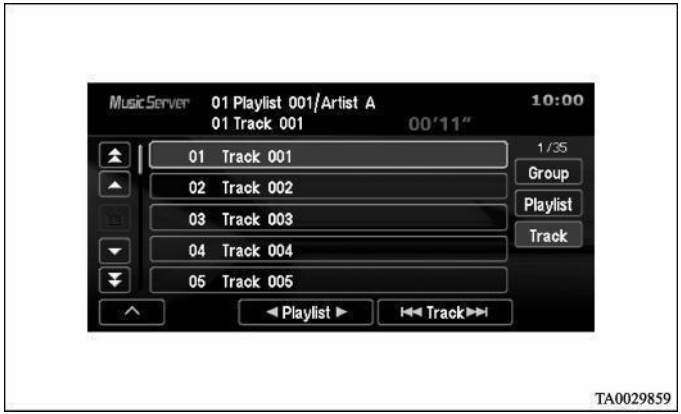


Creating User Playlists

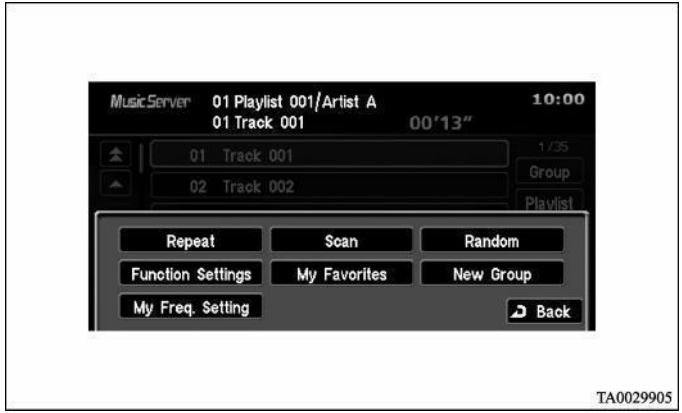
E08115600015

New playlists can be created, and stored in the user groups.

1. Touch [^].

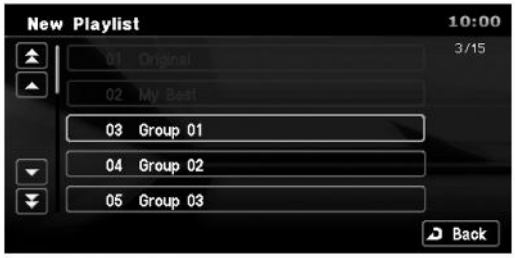


2. Touch [Function Settings].



3. Touch [New Playlist].

4. Touch the group to be used for storage.

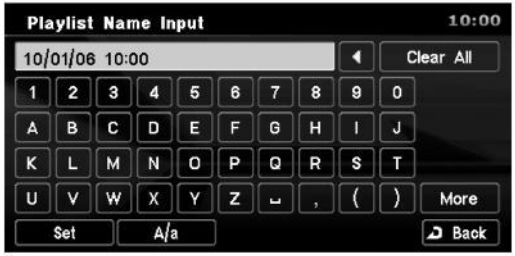


TA0030107

NOTE

- If a group has not been created, a group with the name of today's date is created automatically, and go to step 5.
- To select a group, a user group must been created beforehand. Refer to "Creating User Groups" (p. 1-181).
- Group names can be edited. Refer to "Changing Group Names" (p. 1-201).

5. Enter the name of the new playlist. Refer to "How to Enter Text" (p. 1-35).

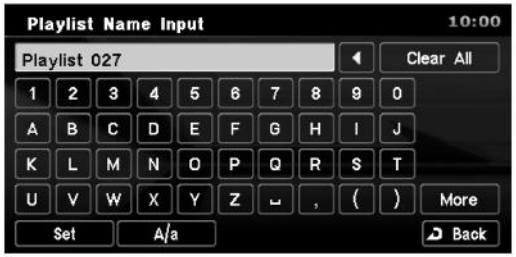


TA0030051

NOTE

- The current date is automatically assigned as the playlist name until you enter a different name.

6. Touch [Set].



TA0030123

7. Touch [Search from a Playlist] or [Search by Conditions]. Select the search method for the tracks stored in the newly-created playlists.
   - Refer to Continues in “Search from a Playlist” (p. 1-186).
   - Refer to Continues in “Search by Conditions” (p. 1-188).

TA0030136

Search from a Playlist

1. Touch the playlist containing the tracks to be searched.

TA0030149

2. Touch the track to be stored.

TA0030152

NOTE

- Touch to select, and touch again to cancel the selection.
- If you transfer to another group or playlist after a track has been selected, the selection is cancelled.
- A maximum of 99 tracks can be registered.

3. Touch [Set].

TA0030165

4. Touch [Complete]. The playback screen is displayed.

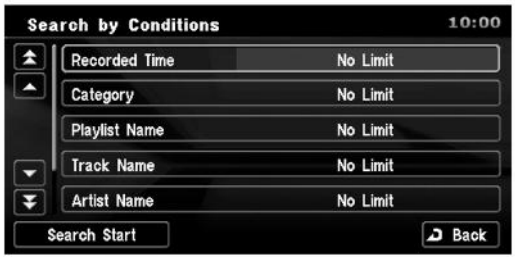
TA0030178

NOTE

- Touch [Group] to change the group name. Refer to "Changing Group Names" (p. 1-201).
- Touch [Add] to add tracks to the newly-created playlist.
- Touch [Delete] to select and delete a stored track. Refer to "Deleting One Item" (p. 1-214).
- Touch [Order Change] to change the track playback order. Refer to "Changing the Track Playback Order" (p. 1-212).

Search by Conditions

1. Specify the conditions. Refer to “Searching Using the Search Function” (p. 1-174).
2. Touch [Search Start]. The search starts using the specified conditions.



TA0030181

3. Touch [Set].

TA0030194

NOTE

- Touching the track name will cancel the selection.
- A maximum of 99 tracks can be registered.

4. Touch [Complete]. Registration is completed.

TA0030178

NOTE

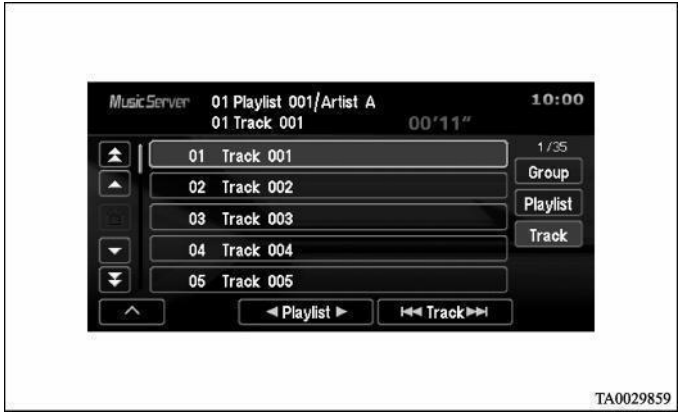
- Touch [Group] to change the group name. Refer to "Changing Group Names" (p. 1-201).
- Touch [Add] to add tracks to the newly-created playlist.
- Touch [Delete] to select and delete a stored track. Refer to "Deleting One Item" (p. 1-214).
- Touch [Order Change] to change the track playback order. Refer to "Changing the Track Playback Order" (p. 1-212).

Adding Tracks to Playlists

E08115700016

Tracks can be added to the user playlists, but tracks cannot be added to either My Favourites or My Frequency in the My Best groups, or to the original playlists.

1. Touch the user playlist to add a track.



TA0029859

2. Touch [^].

3. Touch [Function Settings].

TA0031263

4. Touch [Playlist Edit].

TA0030093

5. Touch [Add Track].

TA0031276

The screen for selecting the track search method is displayed.

- Refer to Continues in “Search from a Playlist” (p. 1-186).
- Refer to Continues in “Search by Conditions” (p. 1-188).

Setting the “My Best” Group

E08115800017

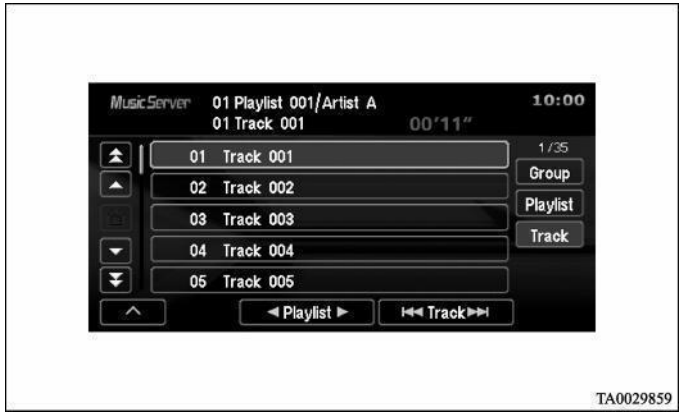
The “My Frequency” conditions in the “My Best” group can be set, and tracks can be added to the “My Favourites” playlist.

Setting the “My Frequency” Conditions

E08115900018

The “My Frequency” search period can be set.

1. Touch [^].



2. Touch [My Freq. Setting].

TA0029905

3. Touch the conditions to be set. The selected conditions are set.

TA0031292

"My Frequency" Set Conditions

[The past 30 days]	Registers the tracks listened to frequently in the past 30 days.
[The past 3 months]	Registers the tracks listened to frequently in the past three months, including this month.
[The past 6 months]	Registers the tracks listened to frequently in the past six months, including this month.

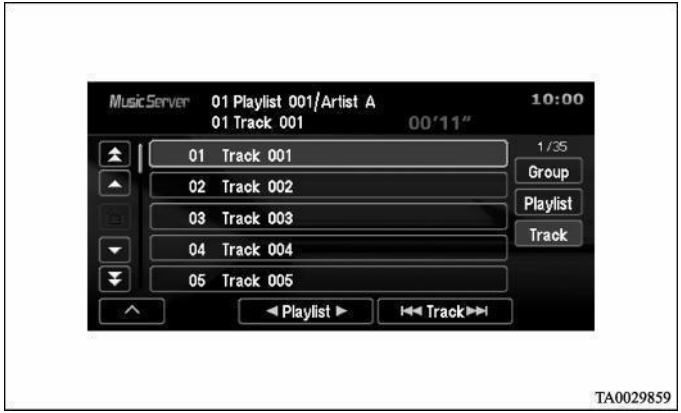
NOTE

- A maximum of 50 tracks can be registered in "My Frequency".
- The "My Frequency" list is updated automatically whenever it is played.
- The "My Frequency" track names can be edited, but tracks cannot be edited, nor can the playback order be changed. Refer to "Changing Title" (p. 1-199).

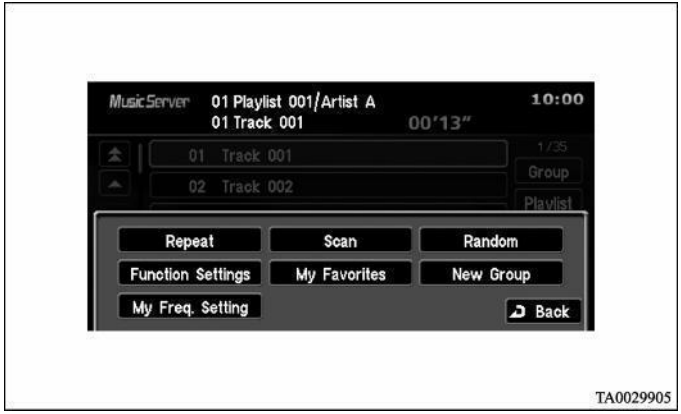
Deleting the Playback History

All histories of the tracks played in the past can be deleted.

1. Touch [^].

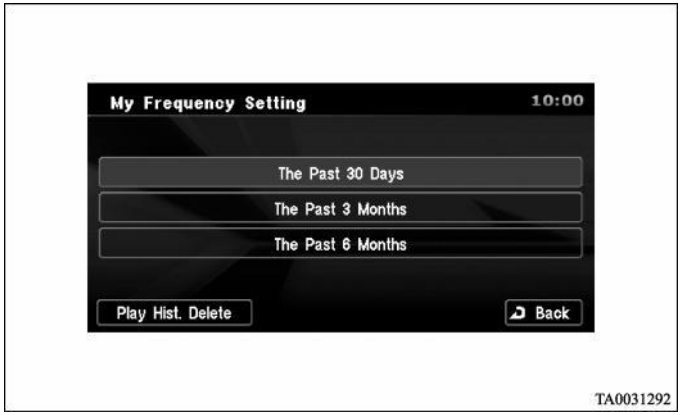


2. Touch [My Freq. Setting].



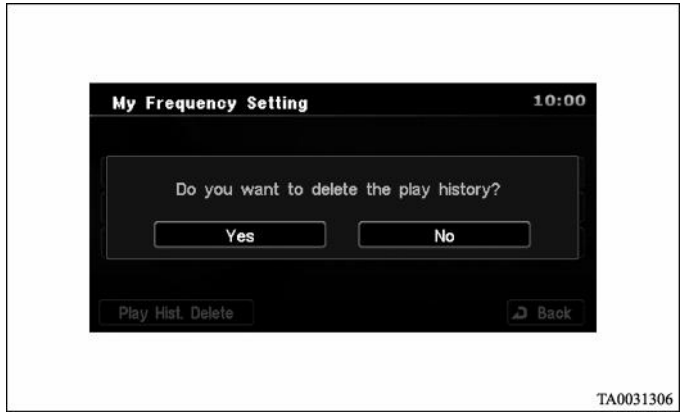
TA0029905

3. Touch [Play Hist. Delete].



TA0031292

4. Touch [Yes]. All histories of the tracks played in the past are deleted.



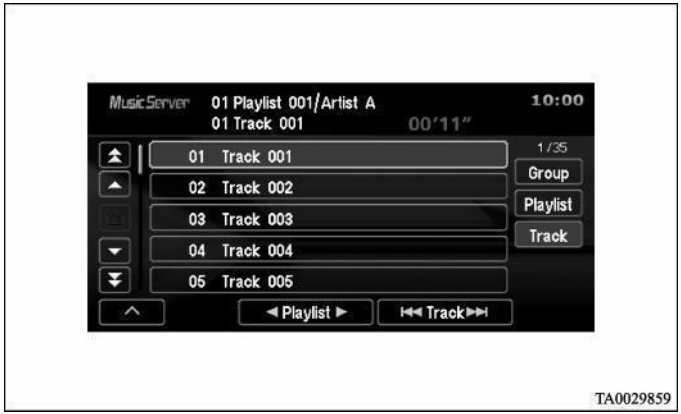
TA0031306

Adding to "My Favourites"

E08116000016

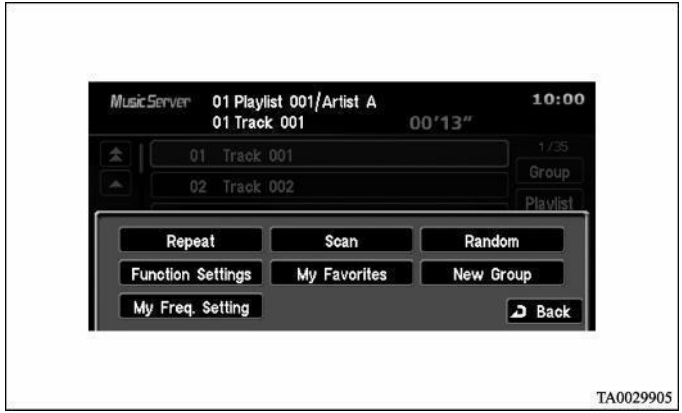
Favourite tracks can be added to "My Favourites" while being played by the Music Server.

1. Touch [^].



TA0029859

2. Touch [My Favourites].



TA0029905

3. Touch [Yes]. The track being played is added to the "My Favourites" playlist.

TA0031319

NOTE
- A maximum of 50 tracks can be registered to "My Favourites".
- Track names can be edited, and the playback order changed or deleted.
  - Refer to "Changing Title" (p. 1-199).
  - Refer to "Changing the Track Playback Order" (p. 1-212).
  - Refer to "Deleting One Item" (p. 1-214).

Editing Detailed Information

E08116100017

Displays detailed list information.

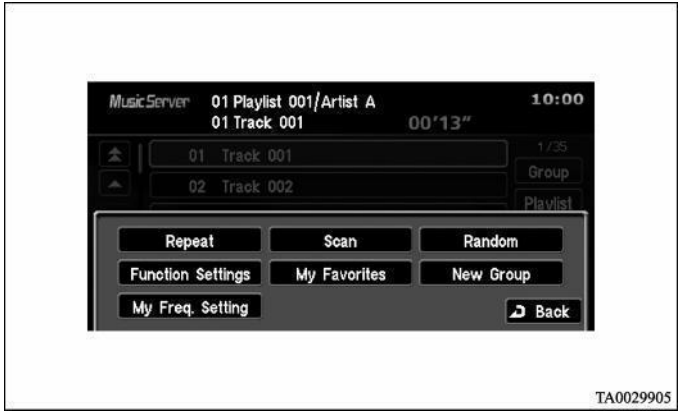
The information for registered playlists or tracks can be edited.

NOTE
- The "My Frequency" and "My Favourites" playlists cannot be edited, so the track edit screen is displayed.
- Even if the title name or artist name, etc., are changed, they return to as they were before when the title information is obtained. Refer to "Obtaining Title Information" (p. 1-140).

1. Touch [^].

TA0029859

2. Touch [Function Settings].



TA0029905

3. Touch [Title Edit].

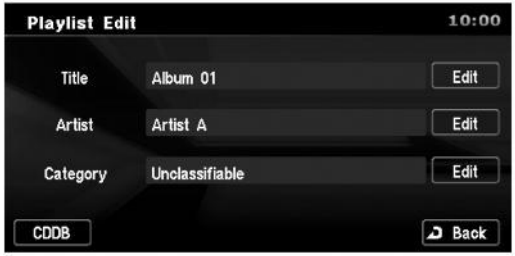
TA0030093

4. Touch the playlist name or track name to be edited. Refer to “Selecting Tracks from the List Screen” (p. 1-171).

TA0029686

The edit screen is displayed.

Original Playlist Edit Screen



TA0031335

User Playlist Edit Screen

TA0031348

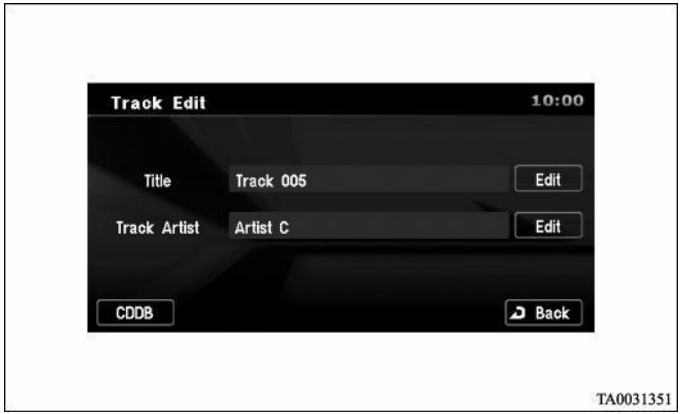
Track Edit Screen

TA0031351

Changing Titles

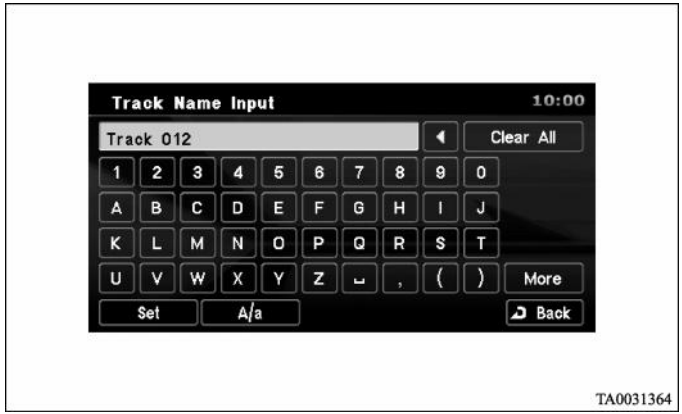
E08116200018

1. Touch [Edit] in “Title”.



TA0031351

2. Enter the title, and touch [Set]. Refer to “How to Enter Text” (p. 1-35).
   The title is changed.



TA0031364

Changing Artist Names

E08116300019

1. Touch [Edit] in either “Artist” or “Track Artist”.

TA0031351

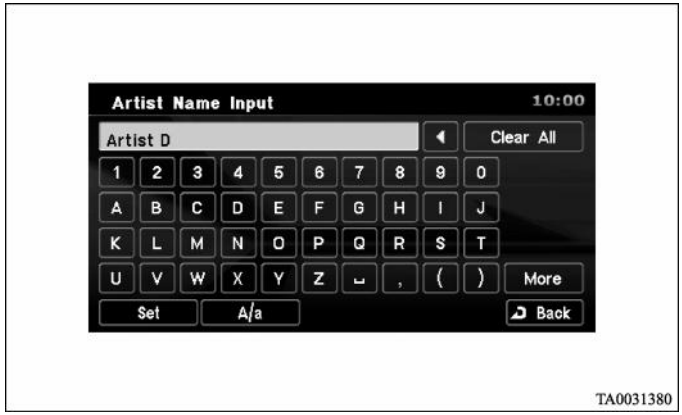
2. Touch [Keyboard input].

TA0031377

NOTE

- If already registered, the artist name in the list can be selected by being touched.

3. Enter the artist name, and touch [Set]. Refer to “How to Enter Text” (p. 1-35).
   The artist name is changed.



TA0031380

Changing Group Names

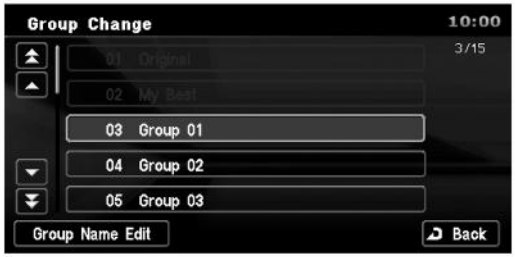
E08116400010

NOTE
● Original playlists and My Best groups cannot be changed.

1. Touch [Edit] in “Group”.

TA0031348

2. Touch [Group Name Edit].

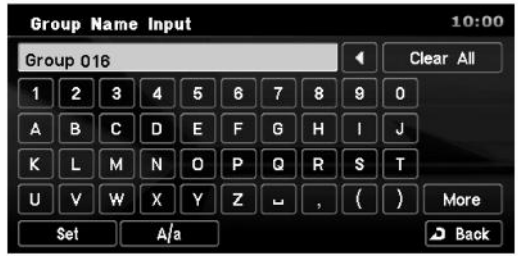


TA0031393

NOTE

- The currently selected group can be stored again to a new group by touching that other group.

3. Enter the group name and touch [Set]. Refer to “How to Enter Text” (p. 1-35).
   Group name is changed.



TA0031407

Changing Categories

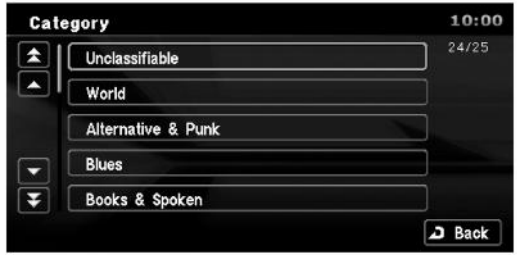
E08116500011

NOTE
● Categories can be changed for original playlists only.

1. Touch the [Edit] button in “Category”.

TA0031335

2. Touch the category to be selected. The category is changed.



TA0031410

Category Types

Alternative & Punk	Blues
Books & Spoken	Children's Music
Classical	Country
Data	Easy Listening
Electronica / Dance	Folk
Gospel & Religious	Hip Hop/Rap
Holiday	Industrial
Jazz	Latin
Metal	New Age
Pop	R&B
Reggae	Rock
Soundtrack	Unclassifiable
World	

Changing the Playback Order

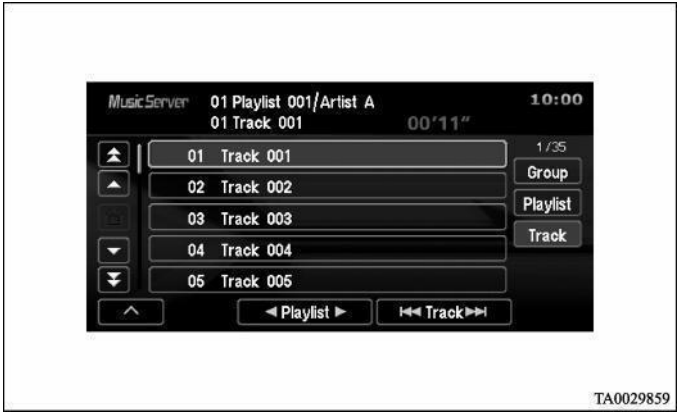
E08116600012

The order of the groups, playlists, and tracks that are being played (i.e., the list order) can be changed.

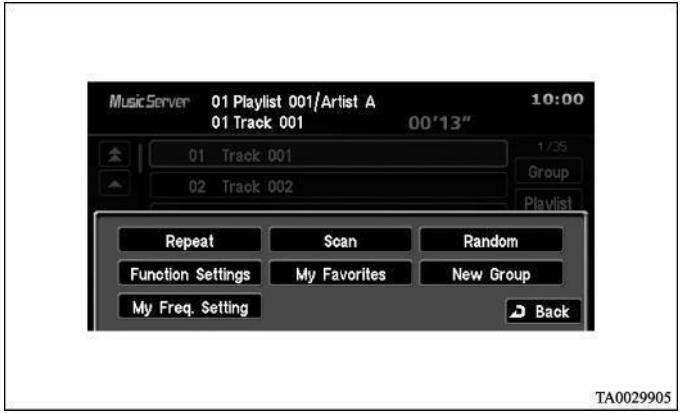
NOTE

- If changing the track playback order, first select a playlist in which the tracks to be changed are registered.

1. Touch [^].



2. Touch [Function Settings].



3. Touch [Playlist Edit].
   - Refer to Continues in “Changing the Group Playback Order” (p. 1-206).
   - Refer to Continues in “Changing the Playlist Playback Order” (p. 1-209).
   - Refer to Continues in “Changing the Track Playback Order” (p. 1-212).

Changing the Group Playback Order

E08116700013

1. Touch [Order Change of Playlist].

TA0031465

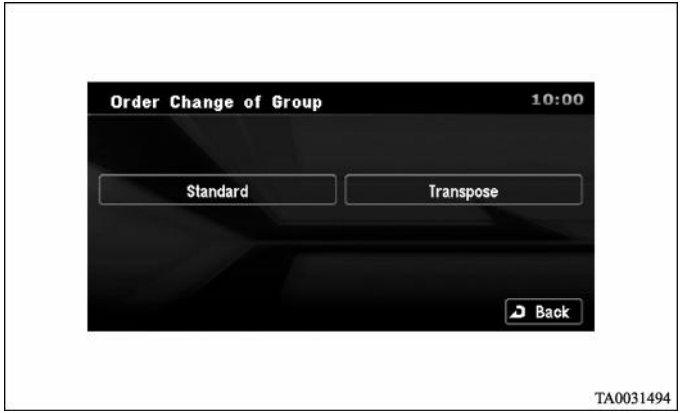
2. Touch [Group].

TA0031478

3. Touch [Order Change].

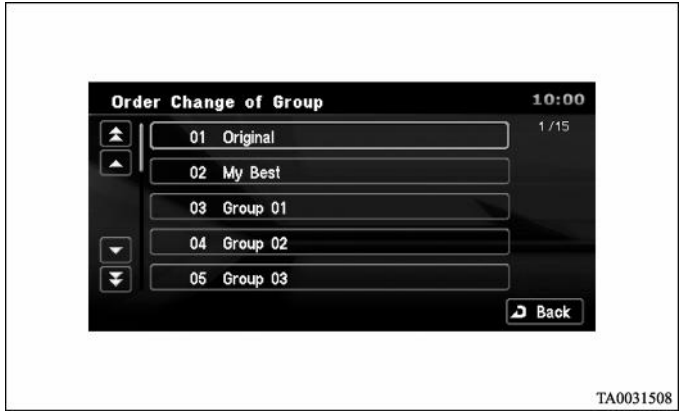
TA0031481

4. Touch [Transpose].



TA0031494

5. Touch the group whose order is to be changed.

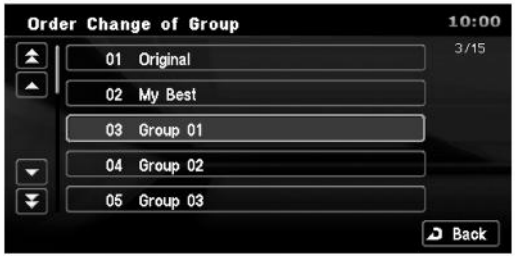


TA0031508

NOTE

● Touch [Standard] to change to the registered order.

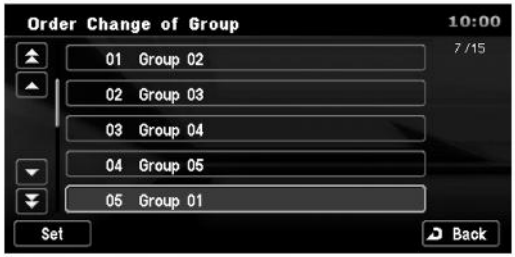
6. Touch [▲] and [▼] to move the position.



TA0031511

NOTE
- The list numbers beside the titles change automatically.
- The playback order can be changed by directly touching the location to be moved to.

7. Touch [Set]. The playback order is changed.



TA0031524

Changing the Playlist Playback Order

E08116800014

Auto Changing

1. Touch [Order Change of Playlist].

TA0031537

2. Touch one of the conditions. The playback order is changed.

TA0031540

Playback Order Types

[Old Order of Recording]	Changes to the old order at the time of recording.
[New Order of Recording]	Changes order to from newest recording time.
[Order of Playlist Name]	The order is changed to alphabetical order.

Manual Changing

1. Touch [Order Change of Playlist].

TA0031537

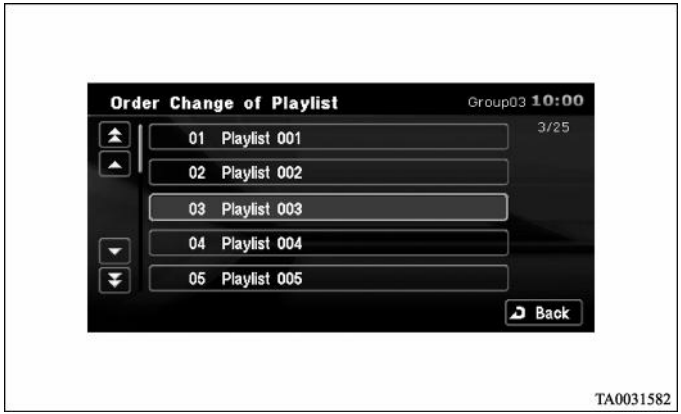
2. Touch [Transpose].

TA0031540

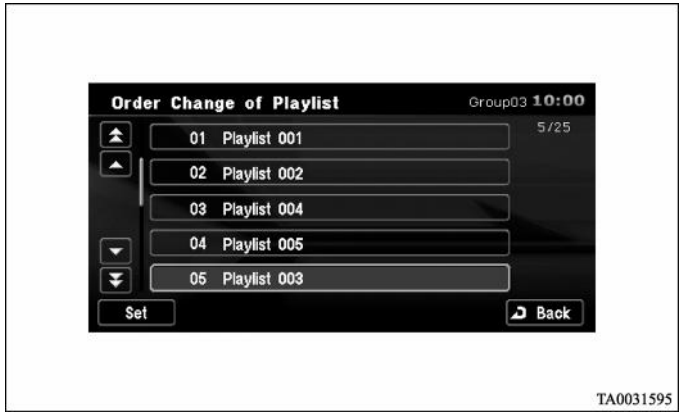
3. Touch the playlist whose order is to be changed.

TA0031579

4. Touch [▲] and [▼] to move the position.



5. Touch [Set]. The playback order is changed.



NOTE
- The list numbers beside the titles change automatically.
- The playback order can be changed by directly touching the location to be moved to.

Changing the Track Playback Order

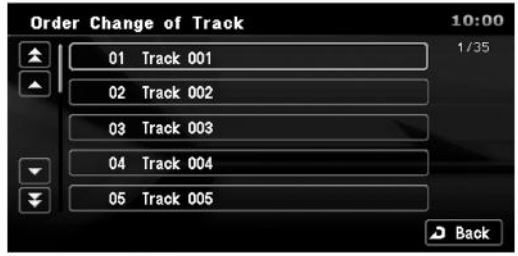
E08116900015

NOTE
- The playback order of original playlists and "My Frequency" cannot be changed.

1. Touch [Order Change of Track].

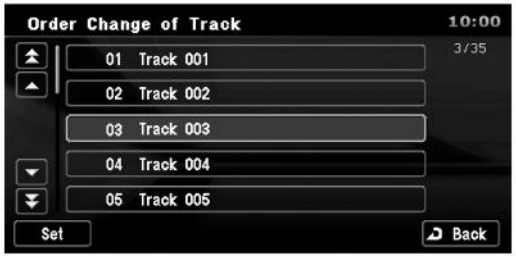
TA0031537

2. Touch the track whose order is to be changed.



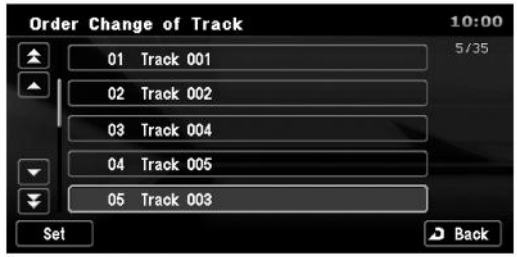
TA0031609

3. Touch [▲] and [▼] to move the position.



TA0031612

4. Touch [Set]. The playback order is changed.



TA0031625

NOTE

- The list numbers beside the titles change automatically.
- The playback order can be changed by directly touching the location to be moved to.

Deleting

E08117000013

Deleting One Item

E08117100014

User groups, original playlists, user playlists, and all tracks can be deleted one at a time.

1

NOTE

- If an original playlist or original track is deleted, the track is also deleted simultaneously from the My Best group and user group.
- If all the original tracks are deleted, the original playlist is also deleted automatically.
- Even if a user playlist is deleted, the tracks are not deleted.
- Even if all user tracks are deleted, the user playlist is not deleted, and even if all user playlists are deleted, the user group is not deleted.

1. Touch [^].

TA0029859

2. Touch [Function Settings].

TA0029905

3. Touch [Delete].

TA0030093

4. Touch [Group], [Playlist], or [Track].

TA0031641

5. Touch the group, playlist, or track to be deleted.

TA0031654

6. Touch [Yes]. The selected group, playlist, or track is deleted.

TA0031667

Deleting All Items

E08117200015

All recorded tracks can be deleted all at once. All tracks are deleted regardless of whether they are in original playlists or user playlists.

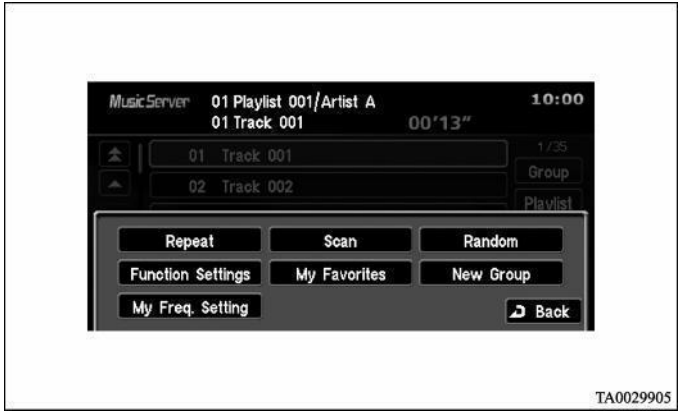
NOTE

- Anything deleted all at once cannot be recovered.
- If you transfer the vehicle, Mitsubishi recommends that, for copyright purposes, you erase any recorded tracks.

1. Touch [^].

TA0029859

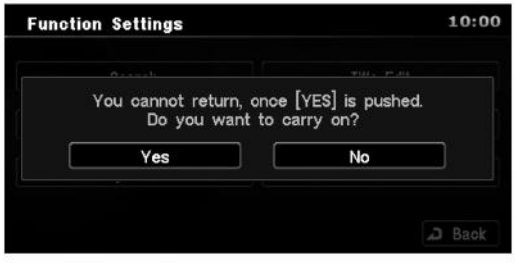
2. Touch [Function Settings].



3. Touch [Delete All].

4. Touch [Yes].

5. Touch [Yes]. All recorded tracks are deleted, and the device is restarted.



TA0031696

Visual

E08117300016

Watching DVDs

E08117400017

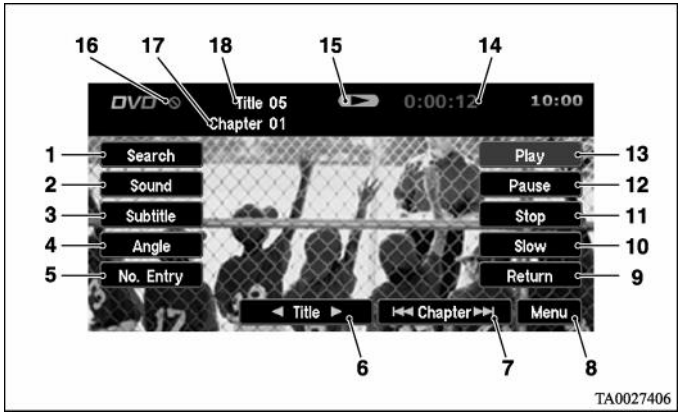
If a DVD is inserted into the MMCS, it automatically switches to DVD playback. It will display the DVD image if the vehicle is not moving.

NOTE

- For safety reasons, while driving, video is not displayed, and playback is audio only.
- To watch a DVD, stop the car in a safe location.

Display Contents

E08117500018



1- [Search]
Touch this button to select the chapter or title, or specify the number.

2- [Sound]
The sound language changes each time this button is touched.

3- [Subtitle]
The subtitle language changes each time this button is touched.

4- [Angle]
The angle changes each time this button is touched.

5- [No. Entry]
The title or chapter can be specified by entering a number after this button is touched.

6- [◄ Title], [Title ►]
Touch these buttons to move down and up the titles.

7- [⏮ Chapter], [Chapter ⏭]
Touch these buttons to move down and up the chapters. Touch and hold to rewind or fast-forward.

8- [Menu]
Touch this button to display the DVD content title menu.

9- [Return]
Touch this button to play the specified range determined on the disk.

10- [Slow]
Touch this button to play in slow motion.

11- [Stop]
Touch this button to stop the playback.

12- [Pause]
Touch this button to pause the playback.

13- [Play]
Touch this button (when the playback is paused or during slow motion playback) to resume normal playback.

14- Playback Time
The playback time is displayed.

15- Playback Status
Displays the current playback status using symbols.

16- Prohibited operation symbol
Displayed when the requested operation cannot be performed.

17- Chapter number
The number of the chapter currently being played is displayed.

18- Title number
The number of the title currently being played is displayed.

Basic Operations

E08117600019

1. Insert a DVD into the device. The display is switched to DVD images automatically.
   - Refer to “Inserting and Removing Disks” (p. 1-114).
   - Refer to “Switching to Audio Screen” (p. 1-111).

TA0031700

2. Touch the screen while the DVD is displayed. The operations menu screen is displayed.

TA0031713

Playback

Touch [Play]. This resumes playback from paused or slow motion playback.

Pausing

Touch [Pause]. The DVD playback is paused. The image is stopped and frozen.

Stopping
Touch [Stop]. The DVD playback is stopped. The image disappears, and the blue back screen is displayed.

NOTE
- Touch [Play] here to resume playback. (Resume Playback)
- Touch [Stop] again and touch [Play] to play the DVD from the beginning.

Fast-Forwarding and Rewinding
Touch and hold [⏮ Chapter] or [Chapter ⏭] during playback. When the button is released, the playback screen is displayed.

Selecting Chapters
Touch [⏮ Chapter] or [Chapter ⏭] during playback.

NOTE
- When the chapter has played for one second or more, touch [⏮ Chapter] to play from the start of the current chapter.

Selecting Titles
Touch [◀ Title] or [Title ▶] during playback.

Slow Motion Playback
Touch [Slow].

NOTE
- Each time [Slow] is touched, the playback speed is changed in the following order: 1/2 → 1/8 → 1/32 → 1/2.
- Touch [Play] to cancel slow motion playback.

Return Playback
A specified range determined on the disk beforehand can be played.

Touch [Return] during playback.

NOTE
- Depending on the disk, return playback may not be possible.

Operations Menu

E08117700010

Touch the screen during DVD playback to enable the operations menu screen.

TA0031713

Playback Using Search

1. Touch [Search] in the operations menu screen.
2. Touch [Title] or [Chapter].

TA0031739

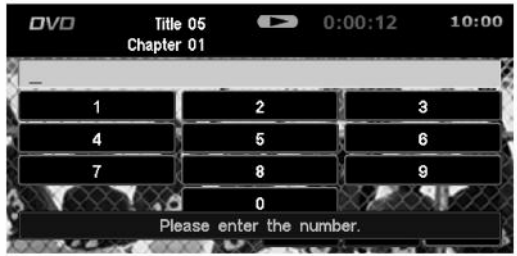
3. Enter the number, and touch [Enter]. Playback is started from the specified title or chapter.

TA0031742

Playback Using Numerical Inputs

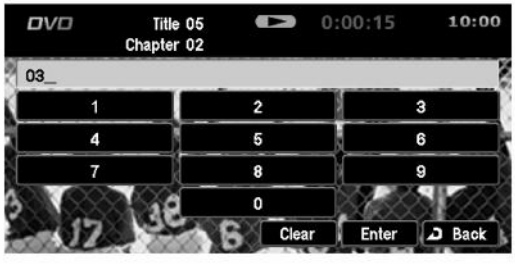
Playback can be selected by entering the number of the chapter or title.

1. Touch [No. Entry] in the operations menu screen.
2. Touch the number of the desired chapter or title.



TA0031755

3. Touch [Enter]. Playback is started from the specified title or chapter.



TA0031768

NOTE

● For some DVDs, this operation may not be possible.

Switching Audio

With DVDs on which multiple languages have been recorded, audio can be switched during playback. (Multi-Audio)

1. Touch [Sound] in the operations menu screen.
2. Touch [Sound]. The current sound language is displayed.

TA0031771

NOTE

● Thereafter, the sound language is switched to another whenever [Sound] is touched.

Switching Subtitles

With disks on which multiple subtitle languages have been recorded, the subtitles can be switched during playback. (Multi-Subtitles)

1. Touch [Subtitle] in the operations menu screen.
2. Touch [Subtitle]. The current subtitle language is displayed.

TA0031784

NOTE

- Thereafter, the subtitles are switched to another language whenever [Subtitle] is touched.

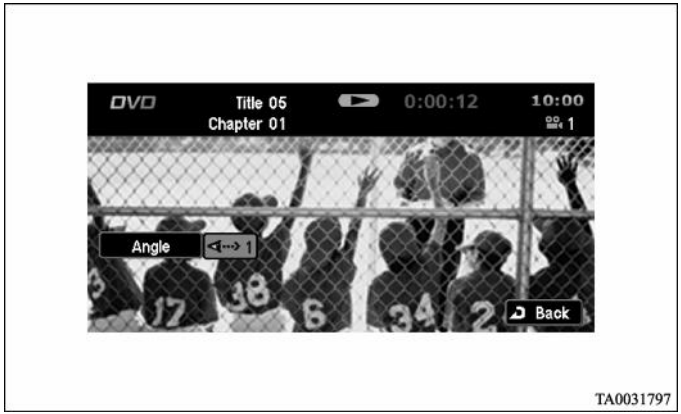
Switching Angles

If images filmed using multiple cameras have been recorded on the disk, the camera angles can be switched during playback. (Multi-Angle)

NOTE

- The angle mark display is operated using [Angle icon] in the default settings menu. Refer to “Displaying Angle Marks” (p. 1-231).

1. Touch [Angle] in the operations menu screen.
2. Touch [Angle]. The current angle is displayed.



TA0031797

NOTE

- Thereafter, the angle is switched to another angle whenever [Angle] is touched.

Displaying DVD Menus

Display the menus recorded on the DVD.

Touch [Menu] in the operations menu screen.

TA0031713

The menus are displayed.

TA0031801

NOTE

- Select a menu recorded on the disk by moving the joystick up, down, left, and right, and press the [ENT] key. Touch screen operations cannot be performed.

Playing DVDs with Viewing Restrictions

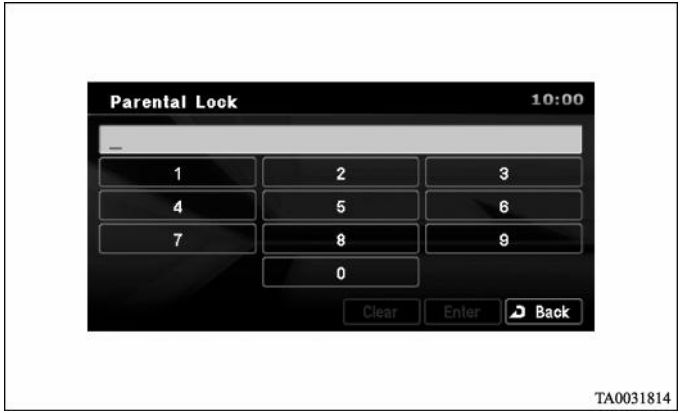
E08117800011

If playable scenes have been restricted using “Viewing Restrictions” (p. 1-232), when a DVD with viewing restrictions is played, playback skips the restricted scenes. Further, depending on the DVD, a screen to enter a password may be displayed if a viewing-restricted scene approaches. This section explains what happens if a screen for entering a password is displayed.

NOTE

- Depending on the disk, playback may become disabled if the viewing restriction level is changed. After the viewing restriction level has been changed, if playing this type of disk, remove the disk once, and insert a disk with no viewing restrictions to change to a playable level.

When a viewing-restricted scene approaches and the password entry screen is displayed, touch [Back]. Playback skips the viewing-restricted scene.



NOTE

- Depending on the disk, playback may be unable to continue even if [Back] is touched.
- Use the password entry screen to enter the password set using “Viewing Restrictions” (p. 1-232) to enable playback without skipping the viewing-restricted scenes.

Displaying the Default Settings Menu

E08117900012

After setting the default settings, there is no need to change the subtitle settings, etc., each time during DVD playback.
The following settings are possible: menu language, sound language, subtitle language, angle mark display, audio compression (dynamic range control), and viewing restriction (parental lock).

NOTE
- With [Sound Language], [Subtitle Language], and [Menu Language], the language specified by the disk is played if the selected language is not available on the disk.

1. Touch [Stop] in the operations menu screen during playback.

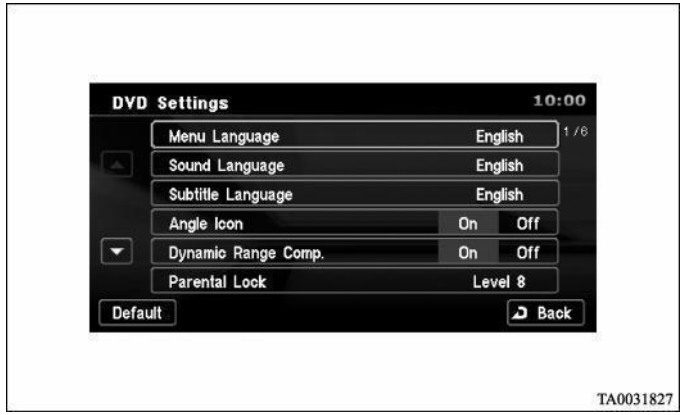
TA0031713

2. Touch the screen.

3. Touch [DVD Settings].

TA0031726

The default settings menu is displayed.



TA0031827

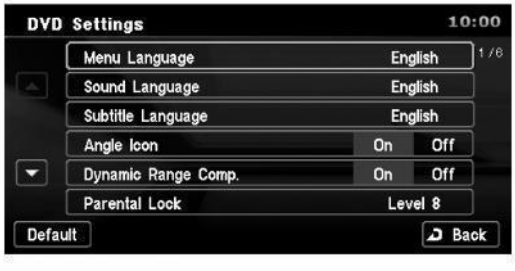
NOTE
- Continuation of the playback is disabled when the default settings menu is displayed.
- Touch [Default] in the default settings menu to return all items, other than viewing restrictions, to their default settings.

Language Settings

E08118000010

Set the menu language, sound language, and subtitle language default settings.

1. Touch [Menu Language], [Sound Language] or [Subtitle Language] in the default settings menu. The language settings screen is displayed.



TA0031827

2. Touch one of the languages. The selected languages are set.

TA0031830

NOTE
- If the language you want to set is not in the list, touch [Others]. Refer to “If “Others” Has Been Selected” (p. 1-230).

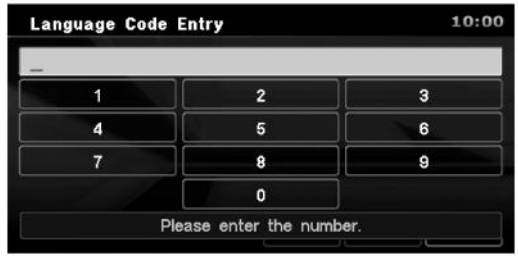
If "Others" Has Been Selected

If the language that you want to set is not displayed in the menu languages, sound languages, or subtitles languages list, other languages are available.

1. Touch [Others] in the language settings screen.

TA0031830

2. Enter the desired language code. Refer to see "Language Codes" (p. 1-237).



TA0031843

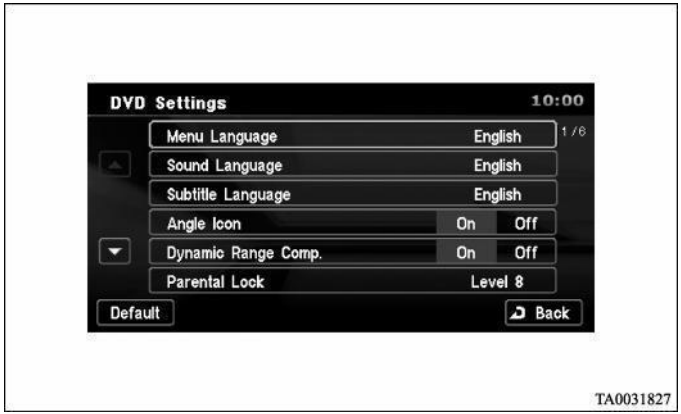
3. Touch [Enter]. The language corresponding to the language code entered is set.

Displaying Angle Marks

E08118100011

Set default settings for the angle mark display during playback on the multi-angle (p. 1-225) screen.

Touch [Angle icon] in the default settings menu. This turns [ON] and [OFF] the angle mark display.



NOTE

- Angle marks are displayed only for DVDs on which multi-angles have been recorded.

Audio Compression

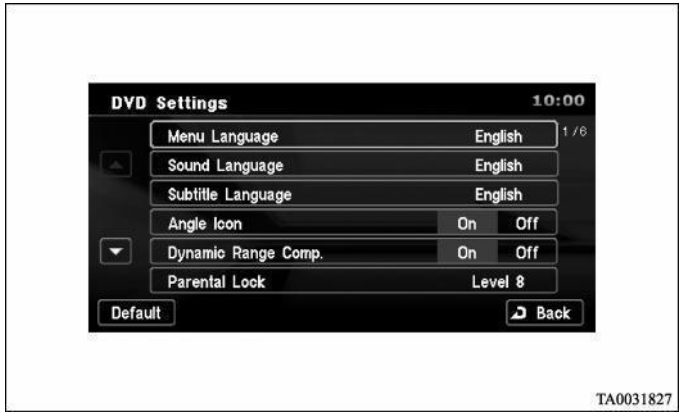
E08118200012

This function (dynamic range control) controls the bandwidth of loud and soft sounds at a fixed rate during DVD playback, and makes even small sounds audible.

NOTE

- Audio compression effects can be obtained from Dolby digital audio only.

Touch [Dynamic Range Comp.] in the default settings menu. This turns [ON] and [OFF] the audio compression.



Viewing Restrictions (Parental Lock)

E08118300013

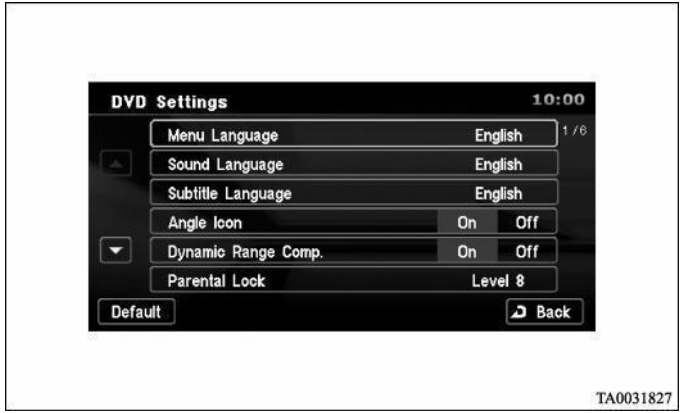
Depending on the disk, viewing of scenes that you do not want children to see (e.g. adult content and violent scenes) can be restricted.

NOTE

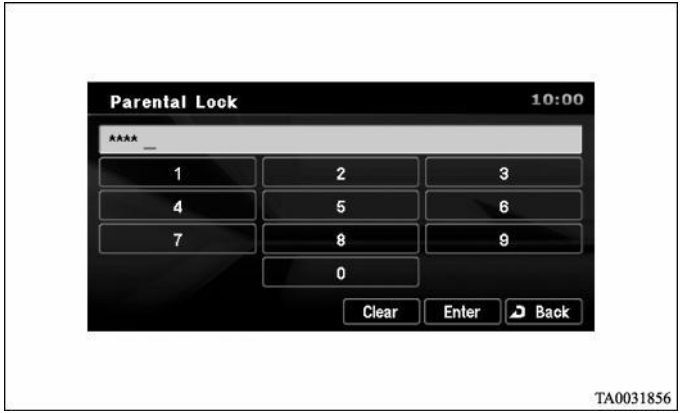
- Set a password when using for the first time. Viewing restrictions cannot be operated unless a password has been set.
- Disks that do not have the viewing control level on the disk package cannot be viewing-controlled, even if the level has been set.
- The viewing level is recorded to the disk. Check the disk package.
- Depending on the disk, only scenes that are viewing-restricted may be skipped during playback. For details, refer to the disk user guide.
- Depending on the disk, playback may become disabled if the viewing restriction level is changed. After the viewing restriction level has been changed, if playing this type of disk, remove the disk once, and insert a disk with no viewing restrictions to change to a playable level.

Setting Passwords and Viewing Restriction Levels

1. Touch [Parental Lock] in the default settings menu.



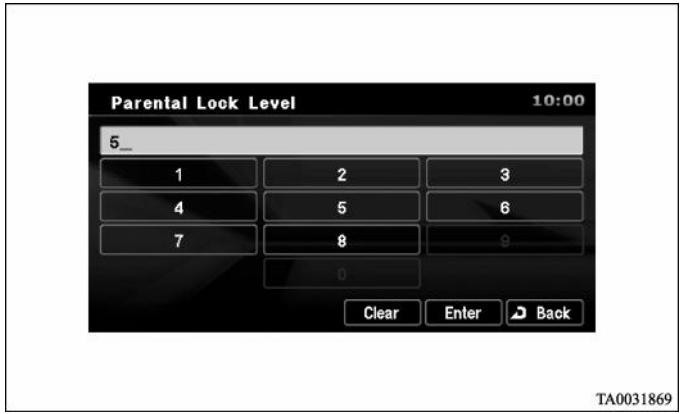
2. Enter a user-selected 4-digit password, and touch [Enter].



3. Enter the 4-digit password again for confirmation, and touch [Enter].

4. Enter the level, and touch [Enter].
   The password and viewing restrictions level settings are now complete.

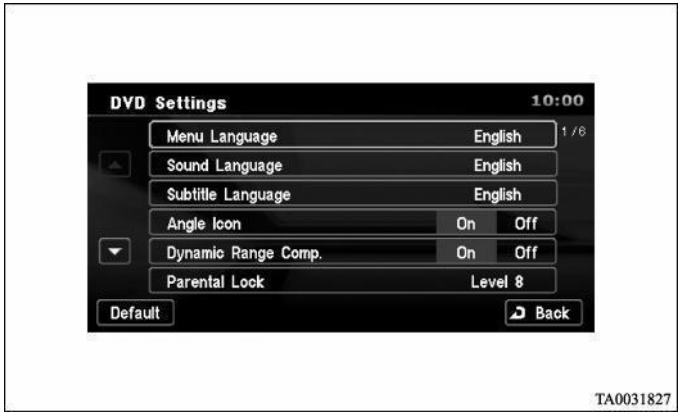
Level 1	Only disks for children are played.
Level 2~7	Disks with adult content are prohibited. (i.e., disks for children and general disks are played.)
Level 8	All disks are played.



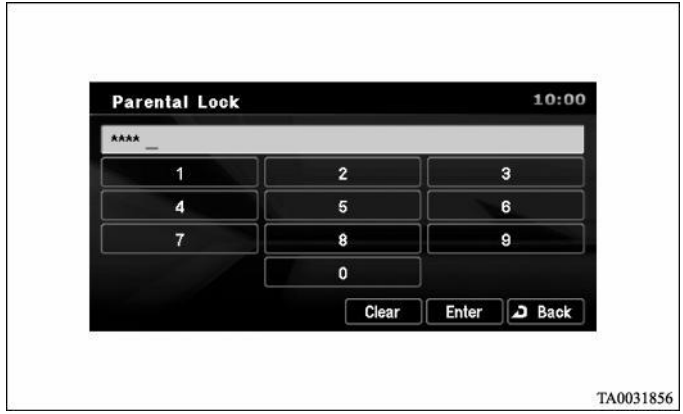
Changing the Level

The viewing restriction level set can be changed.

1. Touch [Parental Lock] in the default settings menu.



2. Enter the stored password, and touch [Enter].



3. Enter the level, and touch [Enter]. The viewing restriction level change is completed.

TA0031872

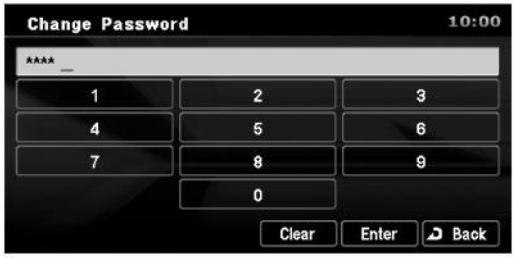
Changing the Password

The set password can be changed.

1. Touch [Change Password] in the password entry screen.

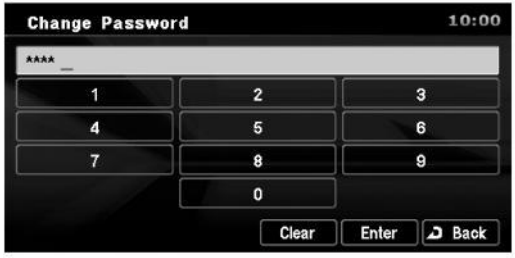
TA0031885

2. Enter the current password, and touch [Enter].



TA0031898

3. Enter the new password, and touch [Enter].



TA0031898

4. Enter the new password again for confirmation, and touch [Enter]. The password change is completed.

If You Have Forgotten the Password

If you have forgotten your password, clear the password, and reset as necessary.

1. Display the password entry screen.

TA0031885

2. Touch [Clear] five times in succession without entering any characters. A message is displayed, and the password is cleared.

Language Codes

E08118400014

Language	Code
Afar	6565
Abkhazian	6566
Afrikaans	6570
Amharic	6577
Arabic	6582
Assamese	6583
Aymara	6589
Azerbaijani	6590
Bashkir	6665
Byelorussian	6669
Bulgarian	6671
Bihari	6672
Bislama	6673
Bengali	6678
Tibetan	6679
Breton	6682
Catalan	6765
Corsican	6779
Czech	6783
Welsh	6789
Dansk	6865
Deutsch	6869
Bhutani	6890
Greek	6976
English	6978
Esperanto	6979
Español	6983
Estonian	6984
Basque	6985
Farsi	7065
Finnish	7073
Fiji	7074
Faeroese	7079
Français	7082
Frisian	7089
Irish	7165
Scots-Gaelic	7168
Galician	7176
Guarani	7178
Gujarati	7185
Hausa	7265
Hebrew	7269

Language	Code
Hindi	7273
Croatian	7282
Hungarian	7285
Armenian	7289
Interlingua	7365
Indonesian	7368
Interlingue	7369
Inupiak	7375
Icelandic	7383
Italiano	7384
Japanese	7465
Javanese	7487
Georgian	7565
Kazakh	7575
Greenlandic	7576
Cambodian	7577
Kannada	7578
Korean	7579
Kashmiri	7583
Kurdish	7585
Kirghiz	7589
Latin	7665

Language	Code
Lingala	7678
Laotian	7679
Lithuanian	7684
Latvian	7686
Malagasy	7771
Maori	7773
Macedonian	7775
Malayalam	7776
Mongolian	7778
Moldavian	7779
Marathi	7782
Malay	7783
Maltese	7784
Burmese	7789
Nauru	7865
Nepali	7869
Nederlands	7876
Norwegian	7879
Occitan	7967
Oromo	7977
Oriya	7982
Punjabi	8065

Language	Code
Polish	8076
Pashto	8083
Português	8084
Quechua	8185
Rhaeto-Romance	8277
Kirundi	8278
Romanian	8279
Russian	8285
Kinyarwanda	8287
Sanskrit	8365
Sindhi	8368
Sangro	8371
Serbo-Croatian	8372
Sinhalese	8373
Slovak	8375
Slovenian	8376
Samoan	8377
Shona	8378
Somali	8379
Albanian	8381
Serbia	8382
Siswati	8383

Language	Code
Sesotho	8384
Sundanese	8385
Svenska	8386
Swahili	8387
Tamil	8465
Telugu	8469
Tajik	8471
Thai	8472
Tigrinya	8473
Turkmen	8475
Tagalog	8476
Setswana	8478
Tonga	8479
Turkish	8482
Tsonga	8483
Tatar	8484
Twi	8487
Ukrainian	8575
Urdu	8582
Uzbek	8590
Vietnamese	8673
Volapuk	8679

Language	Code
Wolof	8779
Xhosa	8872
Yiddish	8973
Yoruba	8979
Chinese	9072
Zulu	9085

AUX/Video Entertainment System/Rear View Camera

E08118500015

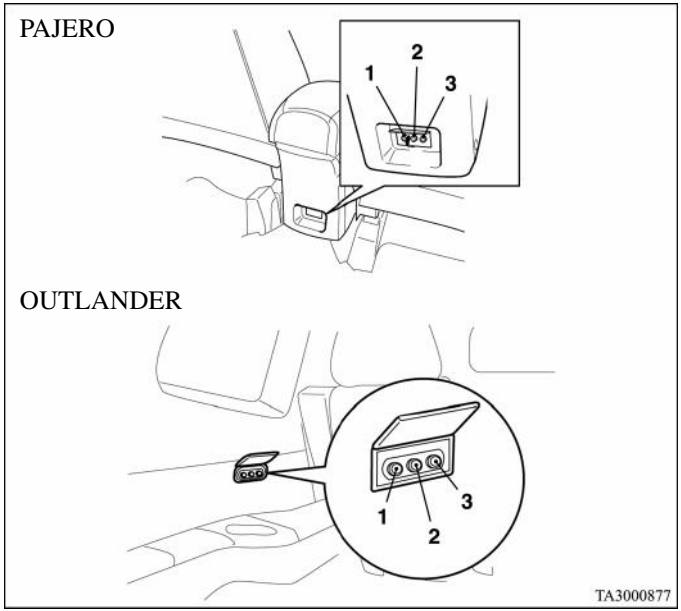
AUX (Vehicles with Video Entertainment System only)

E08118600016

By connecting your own video equipment etc. to Auxiliary Video connecter (RCA), you can show the playback on the MMCS.

NOTE
- Images will not be shown while the car is moving.
- External input terminal is not available on some models.

Connecting to Auxiliary Video connecter (RCA)
Using a video cable sold on the market, connect the video equipment, etc. to Auxiliary Video connecter (RCA).

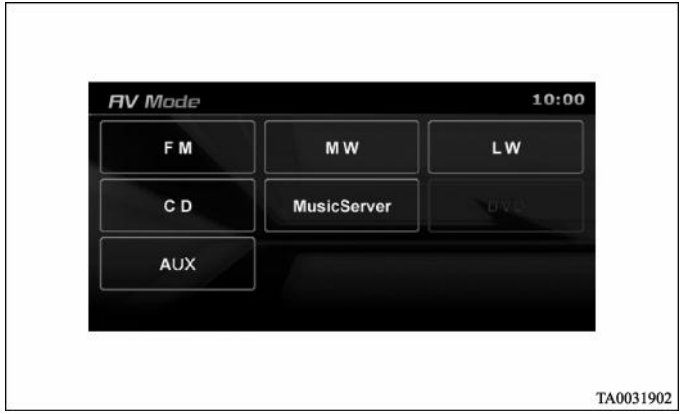


1- Video (Yellow)
2- Audio Left (White)
3- Audio Right (Red)

Switching to Auxiliary Video connecter (RCA)

Switching to Auxiliary Video connecter (RCA) will show the video from the connected equipment.

1. Press the [MODE] key.
2. Touch [AUX].



The video from the equipment connected to Auxiliary Video connecter (RCA) will be shown.

NOTE

- If no equipment is connected to Auxiliary Video connecter (RCA), [AUX] will not be displayed.

*Video Entertainment System**

E08118700017

If upgraded to the manufacturer's optional Video Entertainment System, media being played in the Video Entertainment System can be played.

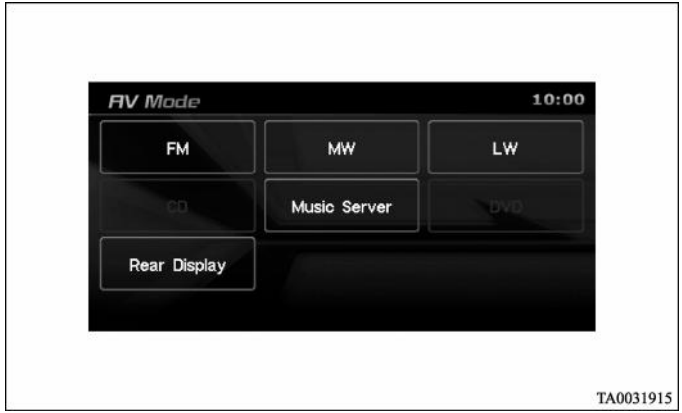
NOTE

- While driving, DVD and other visual images cannot be played using the front seat monitor.
- This operation is not possible if no Video Entertainment System has been connected.
- This device can display in the Video Entertainment System the audio screen being played, and be operated using a special remote control.
- For details, refer to the owner's manual for the Video Entertainment System.

Switching to Rear Display

Media played using the Video Entertainment System can be played using this device.

1. Press the [MODE] key.
2. Touch [Rear Display]. The image currently being played is displayed using the Video Entertainment System.



NOTE

- While playing media other than video on the Video Entertainment System, only the sound is played from the speakers.

Operations

Media being played using the Video Entertainment System can be operated using this device. Track and chapter selections can be made by touching the buttons displayed at the bottom of the screen.

NOTE

- AUX operations cannot be performed.
- Operations such as fast-forward and rewind cannot be performed by touching and holding these buttons.
- For detailed operation instructions and media that can be operated, refer to the user manual for the Video Entertainment System.

Rear View Camera

E08118800018

The manufacturer's optional rear view camera displays images from the back of the vehicle while reversing, to enable blind spots to be covered during reversing manoeuvres.

NOTE

- Read the separate user manual for the position of the rear view camera and the area of rear view screen display.

Rear View Camera Display

- When the engine is turned ON, if the selector lever is set to reverse, the rear view image from the vehicle is displayed automatically.
- If the selector lever is in any other position than reverse, the display is returned to the original image.
- There are limits to the area that can be displayed on screen. When reversing, make sure to check the rear visually, and use the rear view screen as additional support.
- The rear view camera uses a special lens, so the sense of distance displayed onscreen is different from the actual distance.
- While reversing, a buzzer informs you that the selector lever is in the reverse position, and is not to warn you that there are any obstacles.

- In the following cases, screen visibility may be poor, but this is not a malfunction.
  - Dark places (night)
  - Sunlight and headlight beams are striking the camera lens directly
    If high-luminosity spots are reflected on the screen, specific CCD camera spotting may occur.
    "Spotting" is the phenomenon by which a tail forms above and below (i.e., vertically) when a high-luminosity spot (the sun reflecting on the bumper, etc.) is displayed on screen.
- If the glass in front of the camera lens is dirty, obstacles cannot be checked sufficiently. If there are water drops, snow, or mud, etc., on the lens, wipe off gently, taking care not to scratch the glass.

Information

E08118900019

Calendar

E08119000017

Displays the calendar. Special days and anniversaries, etc, can be checked and set.

Press the [INFO] key, and touch [Calendar].

TA0030208

NOTE

- Today's date is displayed in yellow.
- Touch the date on the calendar directly to set the special day. Refer to "Setting Special Days" (p. 1-245).
- The special day icon is displayed on the left of the date, and the anniversary icon is displayed on the right of the date.

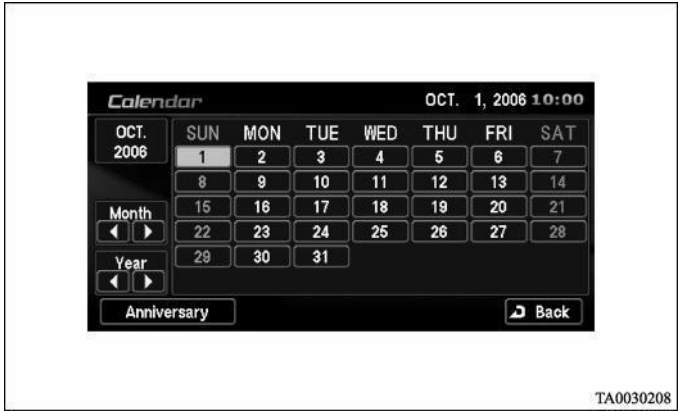
- Touch [◀] in [Year] to display the calendar for the previous year, or touch [▶] to display the calendar for the next year, or touch [◀] in [Month] to display the calendar for the previous month, or touch [▶] to display the calendar for the next month.
- Touch [Anniversary] to set an anniversary. Refer to "Setting Anniversaries" (p. 1-249).
- Special days that have been set are deleted automatically three days after the special day has passed.

Setting Special Days

E08119100018

Setting a new special day. A maximum of 200 special days can be set.

1. Touch the date to be set.



NOTE

- Touch a date that has already been set as a special day to enable editing. Refer to "Editing Special Days" (p. 1-247).
- Dates that have already passed, including today, cannot be set as special days.

2. Touch [Icon].

TA0030211

3. Touch one of the icons.

TA0030224

4. Touch [Memo].

TA0030237

5. Enter a short description of the special day, and touch [Set]. Refer to “How to Enter Text” (p. 1-35).

TA0030240

NOTE

● Up to 30 characters can be entered for one memo.

6. Touch [Set]. The special day settings are completed.

Editing Special Days

E08119200019

Editing a special day that has been set.

1. Touch the date to be edited.

TA0030266

2. Touch [Icon] or [Memo] to edit. The remaining operations are the same as from step 2 of “Setting Special Days” (p. 1-245).

TA0030279

Deleting Special Days

E08119300010

Deleting a special day that has been set.

1. Touch the special day to be deleted.

TA0030266

2. Touch [Delete].

TA0030279

3. Touch [Yes]. The special day deletion is completed.

TA0030282

Setting Anniversaries

E08119400011

Setting a new anniversary. A maximum of 20 anniversaries can be set.

1. Touch [Anniversary].

TA0030208

2. Touch [New Event].

TA0030295

NOTE

- Multiple anniversaries can be set for the same day.
- If setting multiple anniversaries for the same day, the anniversary set first is prioritized, and the relevant icon displayed.

3. Touch [Icon].

TA0030309

4. Touch one of the icons.

TA0030224

5. Touch [Date].

TA0030312

6. Touch [▲] or [▼] to set the month or day.

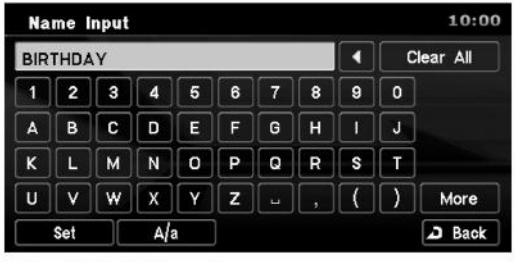
TA0030325

7. Touch [Set].
8. Touch [Memo].

TA0030338

1

9. Enter a short description of the anniversary, and touch [Set]. Refer to “How to Enter Text” (p. 1-35).



TA0030341

NOTE

● Up to 30 characters can be entered for one memo.

10. Touch [Set]. The anniversary settings are completed.

TA0030354

Editing Anniversaries

E08119500012

Editing an anniversary that has been set.

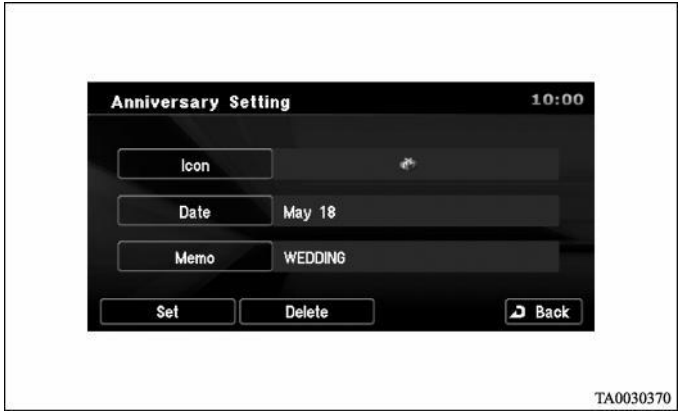
1. Touch [Anniversary]. The Anniversary list is displayed.

TA0030367

2. Touch the anniversary to be edited.

TA0030367

The Anniversary Setting screen is displayed. The remaining operations are the same as from step 3 of "Setting Anniversaries" (p. 1-249).



Deleting Anniversaries

E08119600013

Deleting an anniversary that has been set.

1. Touch [Anniversary]. The Anniversary list is displayed.
2. Touch the anniversary to be deleted. The Anniversary Setting screen is displayed.

3. Touch [Delete].

TA0030370

4. Touch [Yes]. The anniversary deletion is completed.

TA0030383

Trip (OUTLANDER only)

E08119700014

Driving information can be checked or set.

Press [INFO] key and then touch [Trip].

TA0035896

The Trip screen will be shown.

TA0030396

Reset Mode

E08119800015

The average speed, average fuel consumption, instantaneous fuel consumption information can be checked in Trip screen 1/3. There are two Reset modes: “Auto Reset Mode” automatically resets the average speed and average fuel consumption; “Manual Reset Mode” enables resetting when desired.

NOTE

- In “Auto Reset Mode”, if the ignition key is in Off condition for longer than 4 hours, the average speed and average fuel consumption will be reset automatically.

Changing the Reset Mode

1. Display Trip screen 1/3.
2. Touch [Manual].

TA0030396

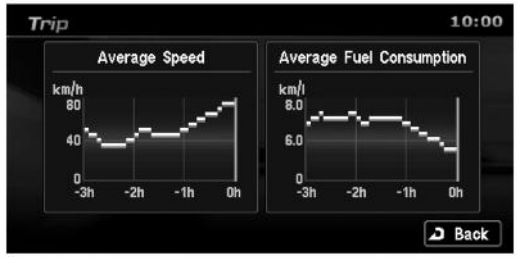
Reset mode is changed from “Auto Reset Mode” to “Manual Reset Mode”.

TA0030400

NOTE

- To return to “Auto Reset Mode”, touch [Auto].
- In “Manual Reset Mode”, average speed and average fuel consumption can be reset by touching [Reset].

- Average speed and average fuel consumption can be displayed on a graph in 5-min. intervals by touching [Graph].



TA0030413

1

Driving Distance and Time

E08119900016

The distance to empty, distance driven after refueling, and driving time can be checked on Trip screen 2/3.

TA0030426

Distance to Empty

The distance to empty is measured and displayed based on the current remaining fuel quantity and recent average fuel consumption.
It is reset when the ignition key is set from on to off.

Distance Driven After Refueling

The distance driven after refueling is automatically displayed.
It is reset when refueling is performed.
Touching [Refuel] resets the Distance Driven After Refueling.

Driving Time

The time from when ignition key was set on to when key is set off is measured.
It is reset when the ignition key is set from off to on.

Lap Time

E08120000017

Time, distance, speed, fuel consumption, etc. for Lap Time can be measured and displayed in Trip screen 3/3.

1. Display Trip screen 3/3.
2. Touch [Start].

TA0030439

Measurement starts. At this time, no display is shown because vehicle speed and fuel consumption are being calculated.

TA0031449

3. Touch [Lap]. The current measurement results are shown in “A”.

TA0030442

NOTE
- When [Lap] is touched again, the measurement results shown in “A” are transferred to “B”.

TA0030455

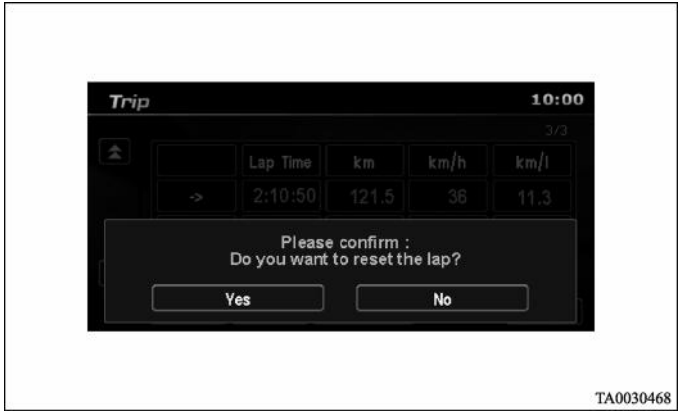
4. Touch [Stop]. Calculation is cancelled and the measurement results are shown in Total View (A).

TA0031452

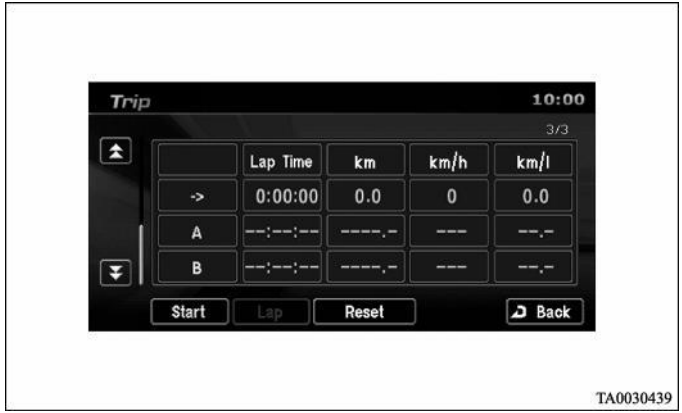
NOTE
- When [Start] is touched, measurement is continued.
- Even if the ignition key is set to off during measurement, measurement is cancelled. At that time, measurement is started again when the ignition key is set to on.

5. Touch [Reset].

6. Touch [Yes].



All measurement results are rest.



NOTE

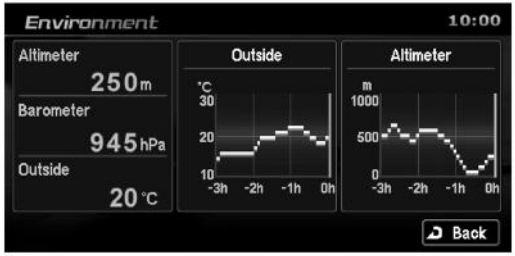
- During Lap measurement, if the Lap Time exceeds 20 hours or the distance exceeds 2000 km, the message “The lap time range was exceeded. All values will be reset.” will be displayed and the values will be reset.

Environment (OUTLANDER only)

E08120100018

The outside temperature, altitude, and air pressure can be checked.

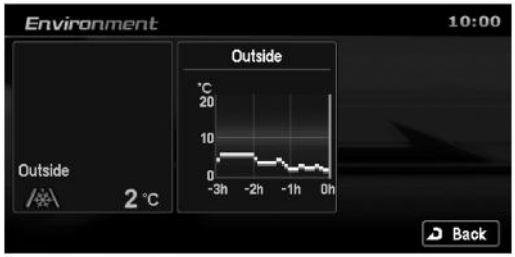
Press [INFO] key and then touch [Environment].



TA0030471

NOTE

- The displayed graph shows the average value in 5-min. intervals.
- The freezing mark is shown when there is a danger of the road surface being frozen.



TA0030484

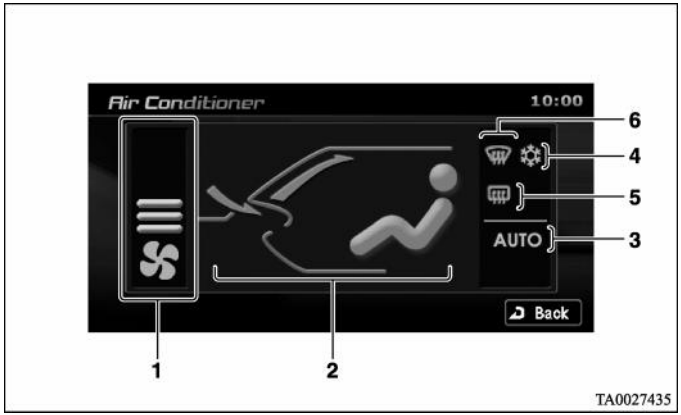
- Units can be switched between “m” and “ft”. Refer to “Unit” in “Settings” (p. 1-284).

Air Conditioner (OUTLANDER only)

E08120200019

The status of the air conditioner can be checked.

Press [INFO] key and then touch [Air Conditioner].



1- Blower speed indicator
2- Air selection/Mode selection indicator
3- Auto mode indicator
4- Air conditioner indicator
5- Rear window demister indicator
6- Front window demister indicator

NOTE

- Units can be changed between metric and US systems. Refer to “Unit” in “Settings” (p. 1-284).
- When A/C Cut in is set to On, source plate will be shown when air conditioner or humidity operation is performed when Navi screen, etc. is displayed. Refer to “A/C Cut in” (p. 1-286).

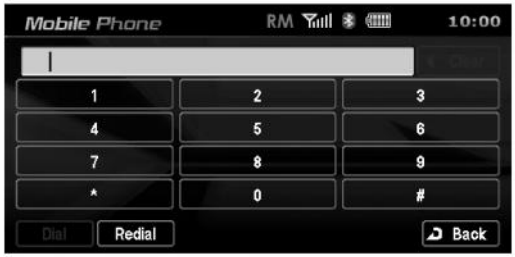
Mobile Phone (OUTLANDER only)*

E08120300010

It is possible to make and receive phone calls.
For details, refer to the section titled “Features and controls” in the vehicle owner’s manual.

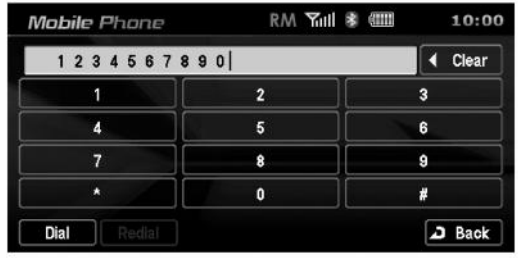
Making phone calls

1. Press [INFO] and then touch [Mobile Phone].



TA0030497

2. Enter the telephone number.



TA0030501

NOTE

- Touch [Redial] to dial again the number previously dialled.
- Touch [Clear] to delete one character at a time.

3. Touch [Dial]. Transmission will start. When the phone is connected, the On phone screen is displayed.

TA0030514

Receiving phone calls

1. When the incoming call screen is displayed, press [OFF HOOK] key.

TA0030527

The On phone screen is displayed.

TA0030530

NOTE

- Even when the displayed source plate is the AV or A/C source plate, the display will be interrupted.
- If the current location screen is displayed, touching the Phone icon (A) will cause the phone source plate to be displayed.
- Not displayed in “Turn List” or “Arrow Guide” mode, or when an intersection information map is shown.
- For some models of cellular phones, the Bluetooth® connection may be disconnected when a phone call is received with the cellular phone.

2. Press the [ON HOOK] key. The connection will be disconnected.

During AV playback

If a phone call is received while AV playback is being performed, the phone source plate will interrupt the display and the audio will change to the telephone.

TA0030543

NOTE

- The audio of the AV will be muted. AV playback will not be stopped.

Other Info

E08120400011

System information and information about the current location can be viewed.

Support Info

E08120500012

System information for this navigation system can be viewed.

Press the [INFO] key, and touch [Support Info]. The Support Info screen is displayed.

TA0030556

SW Version:	The software version of the system is displayed.
MAP Version:	The map data version is displayed.
CDDB Version:	The database version of the title information is displayed.

About version updates

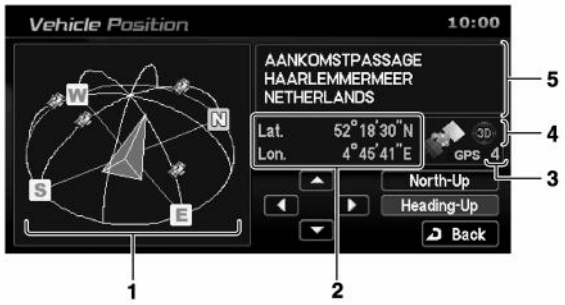
- To update the map data version, insert the DVD containing the new map data. A screen for selecting whether or not data should be automatically updated will appear.
- Insert the version update key, and follow the procedures on the screen.
- For the operating procedure, please refer to the instruction manual included with the map data DVD (sold separately). For details, please contact a MITSUBISHI Authorized Service Point.

Vehicle Position

E08120600013

The name of the current location, latitude and longitude, and the number of GPS satellites being received can be viewed.

Press the [INFO] key, and touch [Vehicle Position].



TA0027419

The Vehicle screen is displayed.

1- GPS satellite position diagram
Shows the direction of vehicle travel and the position of the GPS satellite receivers.

2- Longitude and latitude of current location

3- Number of receiving GPS satellites

4- GPS position measuring status

Shown when valid signals can be received from only 4 or more GPS satellites. (The position is calculated in 3D: Latitude, longitude, and altitude.)

Shown when valid signals are received from only 3 or fewer GPS satellites. (The position is calculated in 2D: Latitude and longitude.)

No icon: Valid signals cannot be received from any GPS satellite and position cannot be calculated.

5- Name of current location

NOTE

- Touch [North-Up] to switch to displaying north at the top of the map.
- Touch [Heading-Up] to switch to displaying the vehicle direction at the top of the map.
- Touch the[▲], [▶], [▼] and [◀] to view the sky maps by rotating or changing the angle.

Settings

E08120700014

Adjusting the Screen

E08120800015

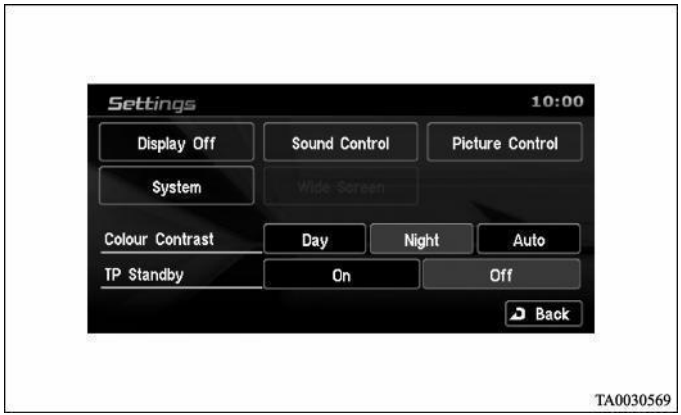
Adjustments related to the screen display.

Display Off

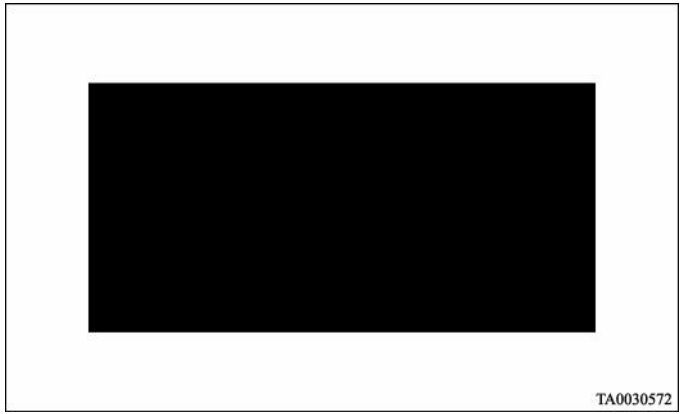
E08120900016

Turns OFF the monitor display.

Press the [SET] key, and touch [Display Off].



The monitor display is turned OFF.



NOTE

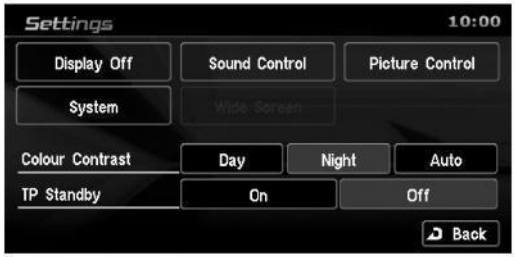
- To turn ON the display again, either touch the screen, or press any key.

Picture Control

E08121000014

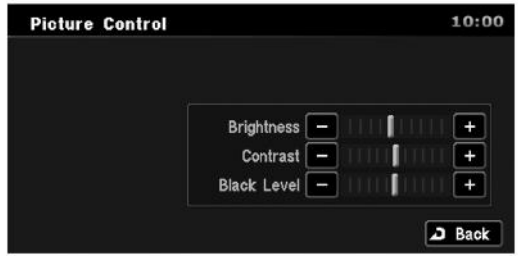
Adjustments related to the picture quality.

1. Press the [SET] key, and touch [Picture Control].



TA0030569

2. Touch [-] or [+] for “Brightness”, “Contrast”, or “Black Level” to adjust.



TA0030585

NOTE
- Brightness can be adjusted with headlights ON and OFF separately.
- If adjusting the picture quality while a DVD image is displayed, “Tint” and “Colour Intensity” can also be adjusted.

TA0030598

- Tint cannot be adjusted while PAL images are being displayed.

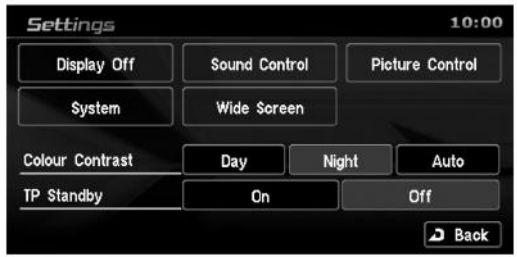
3. Touch [Back]. The picture quality adjustment is completed.

Wide Screen

E08121100015

Switches between wide screen and other displays for DVD image etc.

1. Press the [SET] key, and touch [Wide Screen].



TA0030602

2. Touch one of the following buttons.

TA0030615

[Normal]	Displays the screen in normal 4:3 aspect ratio.
[Full]	Extends the display evenly both left and right in wide mode.
[Wide]	Extends the left and right parts only of the display while leaving the centre as is in wide mode.
[Zoom]	Magnifies the image displayed using 4:3 aspect ratio. (The top and bottom are out of frame.)

3. Touch [Back]. Wide screen switching is completed.

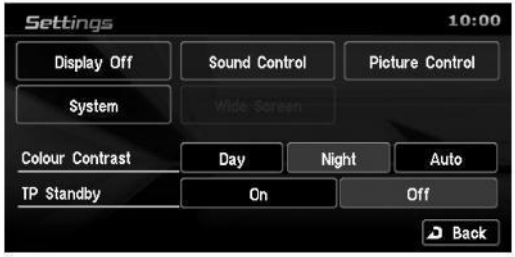
Sound Control (PAJERO)

E08121200016

If Premium Sound System is not equipped

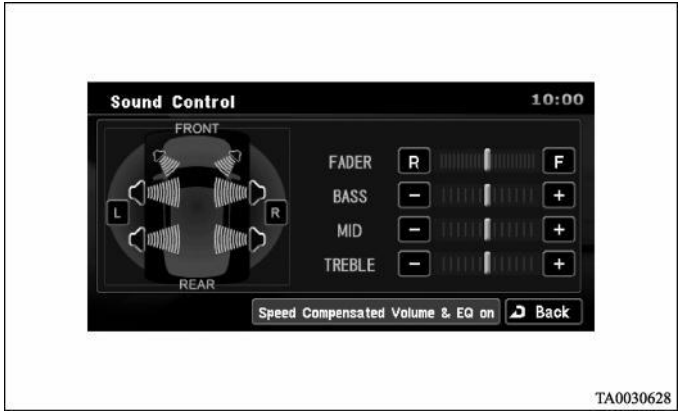
E08121300017

1. Press the [SET] key, and touch [Sound Control].



TA0030569

2. Touch each item to adjust the sound.



TA0030628

NOTE

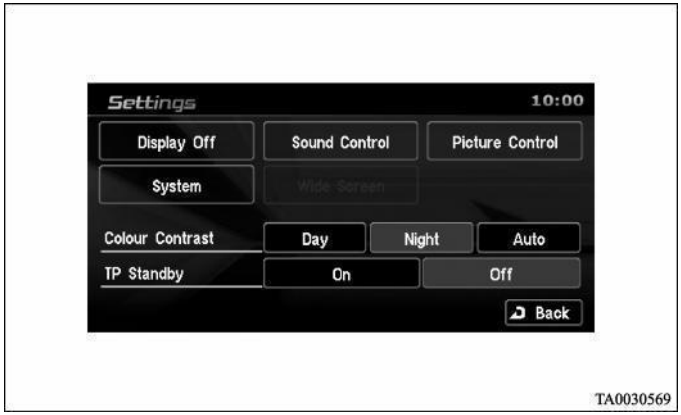
- Touching “Speed Compensated Volume & EQ on” switches adjustment of volume and EQ according to speed on and off.

3. Touch [Back]. The sound adjustment is completed.

If Premium Surround System is equipped

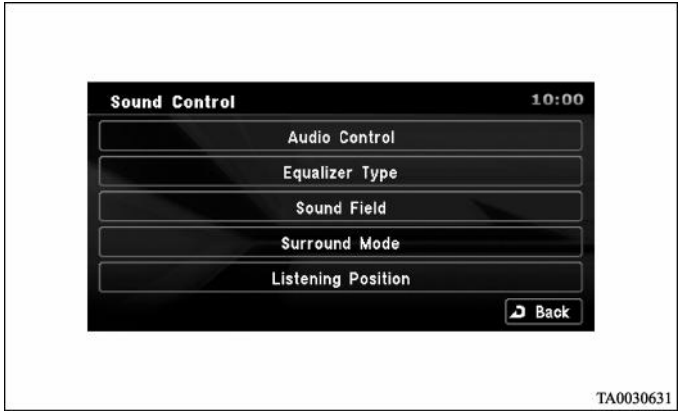
E08121400018

Press the [SET] key, and touch [Sound Control].



TA0030569

The Sound Control menu screen is displayed.



Audio Control

1. Touch [Audio Control] in the Sound Control menu screen.
2. Touch each item to adjust the sound.

NOTE

- Touching “Speed Compensated Volume & EQ on” switches adjustment of volume and EQ according to speed on and off.

3. Touch [Back]. The sound adjustment is completed.

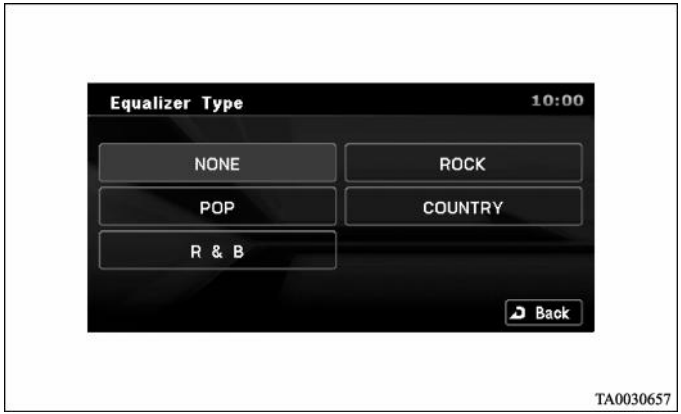
Equalizer Type

The Equalizer type can be selected.

NOTE

- Selection is not possible when [CINEMA] has been selected from [Sound Field].

1. Touch [Equalizer Type] in the Sound Control menu screen.
2. Touch one of the Equalizer types.



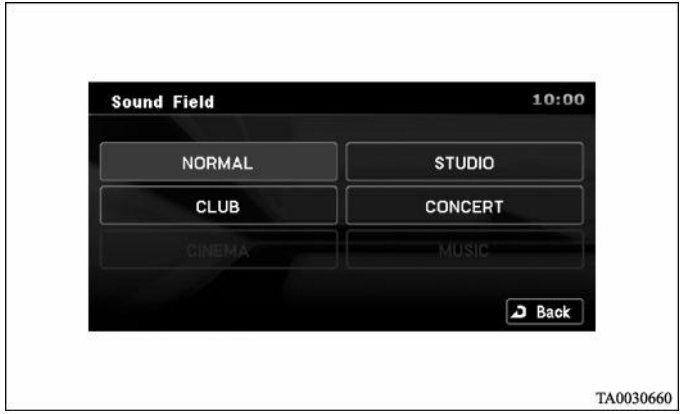
[NONE]	Sounds good for all types of music (especially for jazz and classic).
[POP]	Tight bass and high frequency sound
[ROCK]	Tuned for hard rock and heavy metal with powerful drums, guitars, and vocals.
[R&B]	Clear bass and well-defined vocals
[COUNTRY]	Enhanced main vocals

3. Touch [Back]. The sound adjustment is completed.

Sound Field

The Sound Field can be selected.

1. Touch [Sound Field] in the Sound Control menu screen.
2. Touch one of the [Sound Field].



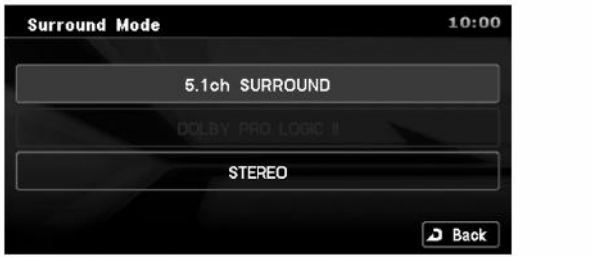
[NORMAL]	Optimized for accurate vocal and instrument reality.
[STUDIO]	Places the listener in the control room of a recording studio with a crisp and accurate forward placed sound stage.
[CLUB]	Places the listener in the music at a dance or jazz club with sound coming from all directions.
[CONCERT]	Utilizing sound reflections in the Digital Signal Processor, CONCERT gives the impression that the listener is at concert hall performance.

NOTE
● [CINEMA] and [MUSIC] cannot be selected when [STEREO] has been selected from [Surround Mode].

3. Touch [Back]. The sound adjustment is completed.

Surround Mode
The Surround Mode can be selected.

1. Touch [Surround Mode] in the Sound Control menu screen.
2. Touch one of the [Surround Mode].



TA0030673

NOTE
● [5.1ch Surround]
This setting is only possible for discs recorded in 5.1ch surround.
● [DOLBY PRO LOGIC II]
This setting is not possible for discs recorded in 5.1ch surround.

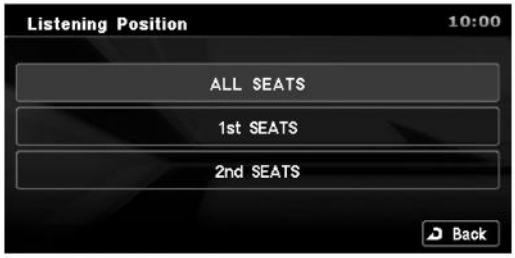
3. Touch [Back]. The sound adjustment is completed.

Listening Position
The Listening Position can be selected.

NOTE
● Selection is not possible when [STEREO] has been selected from [Surround Mode].

1. Touch [Listening Position] in the Sound Control menu screen.

2. Touch one of the [Listening Position].



TA0030686

3. Touch [Back]. The sound adjustment is completed.

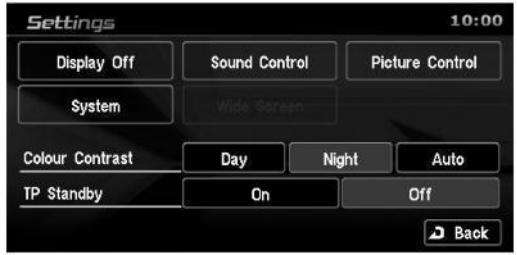
Sound Control (OUTLANDER)

E08121200029

If Premium Sound System is not equipped

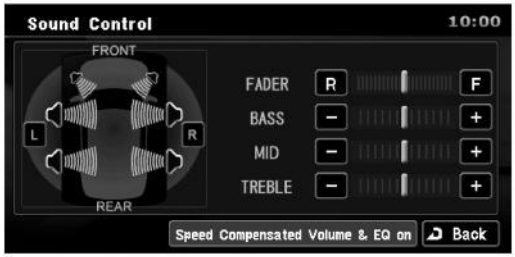
E08121300020

1. Press the [SET] key, and touch [Sound Control].



TA0030569

2. Touch each item to adjust the sound.



TA0030628

NOTE

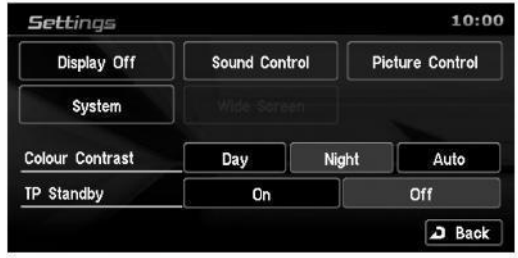
- Touching "Speed Compensated Volume & EQ on" switches adjustment of volume and EQ according to speed on and off.

3. Touch [Back]. The sound adjustment is completed.

If Premium Surround System is equipped

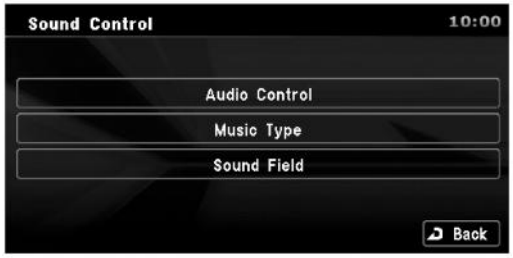
E08121400021

Press the [SET] key, and touch [Sound Control].



TA0030569

The Sound Control menu screen is displayed.



TA0030699

Audio Control

1. Touch [Audio Control] in the Sound Control menu screen.
2. Touch each item to adjust the sound.

TA0030703

NOTE

- Touching “Speed Compensated Volume & EQ on” switches adjustment of volume and EQ according to speed on and off.

3. Touch [Back]. The sound adjustment is completed.

Music Type

The Music type can be selected.

1. Touch [Music Type] in the Sound Control menu screen.
2. Touch one of the Music types.

TA0030716

[NORMAL]	Sounds good for all types of music.
[POP]	Tight bass and high frequency sound
[ROCK]	Tuned for hard rock and heavy metal with powerful drums, guitars, and vocals.
[HIP-HOP]	Deep bass punch and well-defined vocals.
[COUNTRY]	Enhanced main vocals.

3. Touch [Back]. The sound adjustment is completed.

Sound Field

The Sound Field can be selected.

1. Touch [Sound Field] in the Sound Control menu screen.
2. Touch one of the [Sound Field].

TA0030729

[NORMAL]	Allows the listeners to enjoy an image of a sound stage where music is performed so that the instrumental sound surrounds them, while keeping the vocalist in front.
[STAGE]	Places the image of a sound stage in front of the driver with the vocalist in the centre (for driver only).
[LIVE]	Front seat occupants are surrounded by sound from front and rear speakers.

[HALL]	Places the image of a sound stage in front of the driver with the vocalist in the centre (for driver only). Sound reflections are added to the rear speakers to simulate the experience of being at a concert hall. Best with classical or vocalist music.

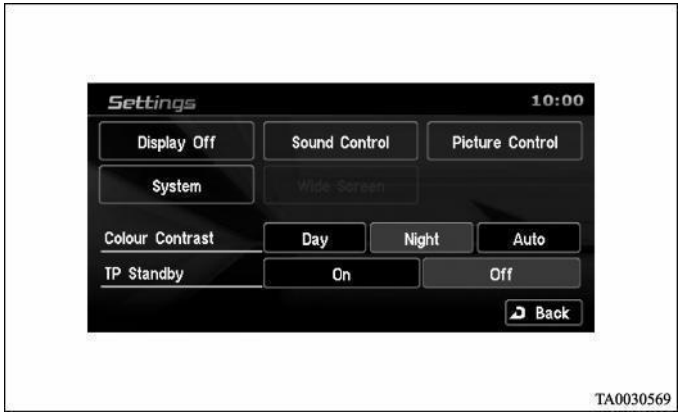
3. Touch [Back]. The sound adjustment is completed.

System Settings

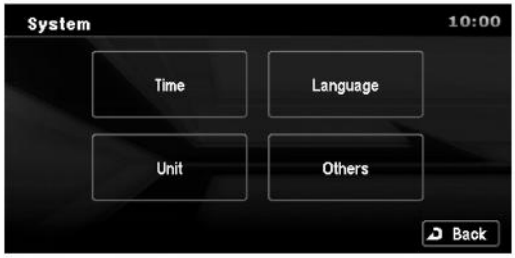
E08121500019

The basic settings required by the navigation function can be performed here.

Press the [SET] key, and touch [System].



The System Settings screen is displayed.



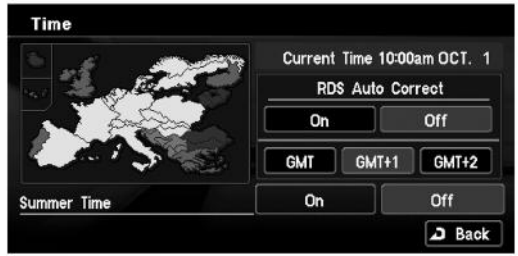
TA0030732

Time

E08121600010

Changing the time zone.

1. Touch [Time].
2. Touch [On] or [Off] for “RDS Auto Correct”.



TA0030745

NOTE

- [On] or [Off] for [GMT], [GMT +1], [GMT +2] and “Summer Time” can be selected only when RDS Auto Correct is [Off].

3. Touch [On] or [Off] for “Summer Time”.

4. Touch [Back]. The time zone settings are completed, and the display returns to the System Settings screen.

TA0030758

Language

E08121700011

Changing the language used by the system.

1. Touch [Language].
2. Touch one of the language.

TA0030761

[English]	Change to English.
[Français]	Change to French.
[Deutsch]	Change to German.
[Nederlands]	Change to Dutch.
[Português]	Change to Portuguese.
[Español]	Change to Spanish.
[Svenska]	Change to Swedish.
[Italiano]	Change to Italian.
[Dansk]	Change to Danish.

3. Touch [Back]. The setting change is completed.

Unit

E08121800012

Changes units for distance display.

1. Touch [Unit].
2. Touch one of the units.

PAJERO

TA0030774

OUTLANDER

TA0030817

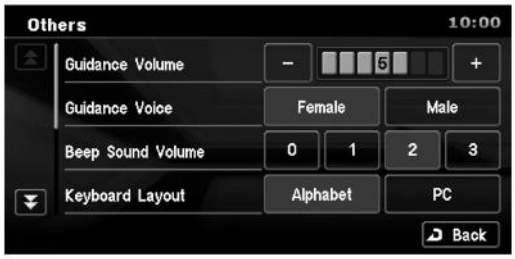
3. Touch [Back]. The setting change is completed.

Other Settings

E08121900013

Settings related to the guidance.

1. Touch [Others].
2. Touch each item to change the setting.



TA0030787

3. Touch [Back]. The setting change is completed.

Guidance Volume

The audio guidance volume can be changed using eight discrete levels.

[-]	The volume is decreased.
[+]	The volume is increased.

Guidance Voice

Changing the settings for the guidance voice.

[Female]	Guidance in a female voice.
[Male]	Guidance in a male voice.

NOTE

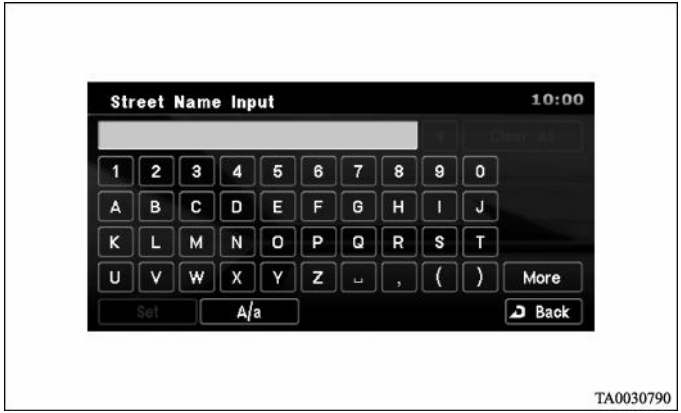
- Only a male voice is available for Dutch, and different dialects can be selected.

Beep Sound Volume

The operations volume can be set at four discrete levels. [0] is mute.

Keyboard Layout

Changing the layout of the keyboard.
[Alphabet]



TA0030790

[PC]

Colour Scheme
Set the colour scheme for the menu screen, etc.

[Red]	The menu is displayed using a red colour scheme.
[Blue]	The menu is displayed using a blue colour scheme.

AV Icons on Map
It is possible to set whether or not to display icons displaying the audio status on map screen.

[On]	AV icon is on the screen.
[Off]	AV icon is not on the screen.

Sensor Calibration
Pressing each [Clear] resets the vehicle pulse and sensor learning level.

NOTE
● [Clear] cannot be selected while driving.

A/C Cut in (OUTLANDER only)
Sets whether display can be interrupted while operating air conditioner.

[On]	Display can be interrupted.
[Off]	Display cannot be interrupted.

Equipment (OUTLANDER only)

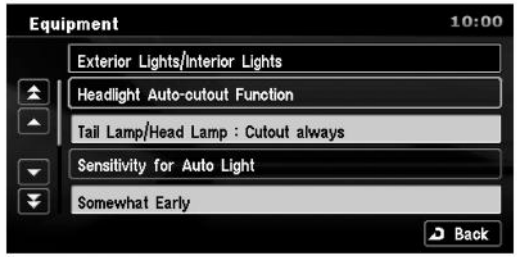
E08122000011

Performs setting of vehicle equipment.

1. Press the [SET] key and then touch [Equipment]. The Equipment screen is displayed.
2. Touch the equipment group name.

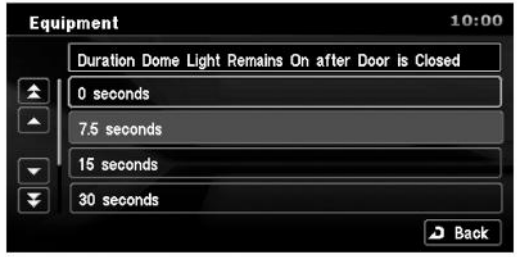
TA0030820

3. Touch the item name.



TA0030833

4. Touch the status.



TA0030846

5. Touch [Back]. Equipment setting is finished.

Equipment items that can be set

E08122100012

Refer to the section titled “Features and Controls” in the vehicle owner’s manual for details on setting these items.

Keyless Entry System
- Turn Signal Lights Answerback
- Horn Answerback Sounds at Keyless Entry Lock
- Duration of Horn Answerback Sound
- Multi Mode Keyless Entry System

Keyless Operation System
- Turn Signal Lights Answerback
- Horn Answerback Sounds at Keyless Entry Lock
- Duration of Horn Answerback Sounds
- Multi Mode Keyless Operation System
- Door Entry and Engine Start Function
- Keyless Operation Answerback Beep Sounds
- Time for Remote Unlock Inactivation after Locking

Wipers
- Windshield Wipers Intermittent Operation
- Wipers Linked to Washer
- Rear Wiper Intermittent Interval
- Rear Wiper Continuous Operation

Exterior Lights/Interior Lights
- Headlight Auto-cutout Function
- Sensitivity for Auto Light
- Auto Light Linked to Wiper
- Interior Light Auto-cutout Time
- Duration Dome Light Remains On after Door is Closed

Theft Alarm
- Theft Alarm
- Duration of Pre-Alarm
- Panic Alarm

Power Windows
- Timer Function after Ignition Switch Off
- Open Operation after Ignition Switch Off
  (Operation can be performed only from the driver’s side seat switch.)
- Power Window Position Prohibited by Lock-switch

Turn Signal
- Operation in Key Position
- Lane-change Signals (Flash Three Times with 1 Touch)

Power Door Locks
- Automatic Relocking after Unlocked by Remote
- Unlock Operation
- Automatic Unlock when Transmission Shifted to Park

Others
- Auto Fold Mirrors
- Auto Cut of ACC Power

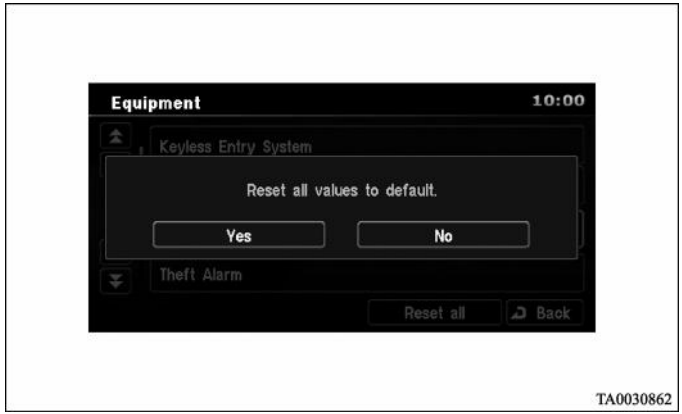
Initialization of equipment settings

E08122200013

The setting contents are initialized and returned to the settings at the time of factory shipment.

1. Display the Equipment screen and touch [Reset all].

2. Touch [Yes]. Initialization of equipment settings is complete.



Screen Options

E08122300014

Settings related to the display.

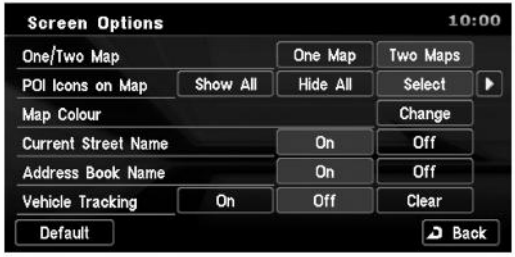
1. Display the Navi Menu, and touch [Navigation Settings].

TA0027709

2. Touch [Screen].

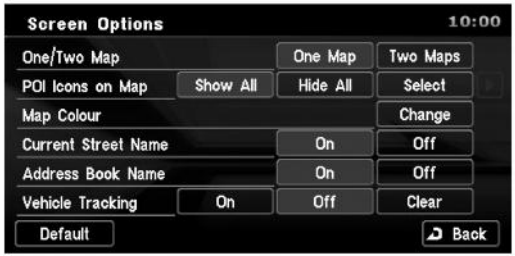
TA0030875

The Screen Options screen is displayed.



TA0030888

3. Touch each item to change the setting.
4. Touch [Back]. The Screen Options screen is displayed. The setting change is completed.



TA0030891

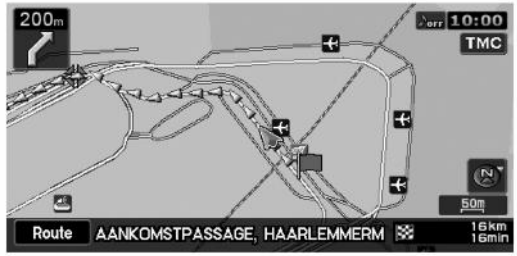
NOTE
● Touch [Default] to return to the factory settings.

One/Two Maps

E08122400015

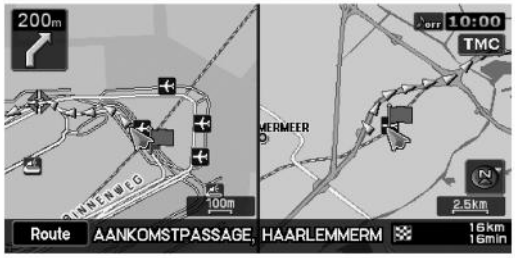
Changing between the one map screen and two maps screen.

[One Map]



TA0030905

[Two Maps]



TA0030918

NOTE

- Two maps are displayed only when Guidance Mode is set to Guidance Map. Refer to “Guidance Mode” (p. 1-299).

Points of Interest (POI) Icons on Map

E08122500016

Setting whether or not to display the POI icons on the map. Individual settings for whether or not to display can also be made for each POI.

[Show All]	Displays all icons on the map.
[Hide All]	Hides all icons from the map.
[Select]	Only the icons selected in advance are shown on the map.

Select Icons

Setting specific POI icons to be displayed on the map.

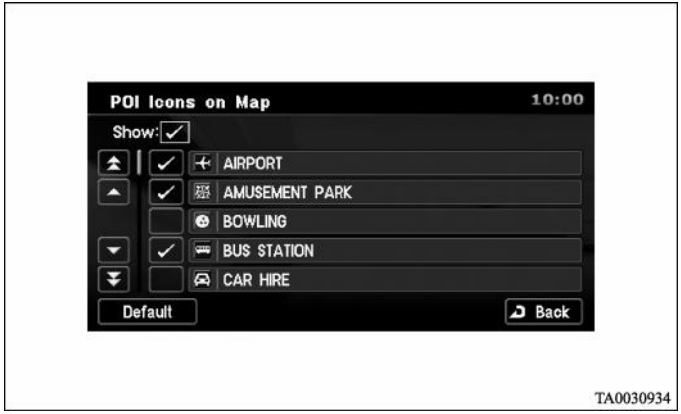
1. Touch [Select].
2. Touch [▸] of “POI Icons on Map”.
3. Touch a checkbox to select a POI to display.

TA0030921

NOTE

- The screen changes between ☑ and ■ each time it is touched.
- Touch [Default] to return to the factory settings.
- For facilities displayed as ⊞, detailed settings can be performed.

4. Touch [Back]. The display returns to the Screen Options screen, and the setting of specific POI icons to be displayed on the map is completed.



POI Icons

The 40 POI icon types are shown below.
Further, five icon categories have been set based on application and are displayed in different colours.

A	(Green)	Shopping, Money & Business
B	(Dark Blue)	Car & Travel
C	(Brown)	Public Places & Emergency
D	(Orange)	Restaurant
E	(Blue)	Recreation & Attraction

Icons/Name		Category
	AIRPORT	B
	AMUSEMENT PARK	E
	BOWLING	E
	BUS STATION	B
	CAR HIRE	B
	CASINO	E
	CINEMA	E
	CITY CENTRE	—
	CITY HALL	C
	CIVIC / COMMUNITY CENTRE	C
	COMMUTER TRAIN STATION	B
	CONVENTION / EXHIBITION CENTRE	C
	FERRY TERMINAL	B
	GOLF COURSE	E
	HAMLET	—
	HISTORICAL MONUMENT	E
	HOSPITAL	C
	HOTEL	B
	ICE SKATING	E
	MAJOR COMPANIES	A
	MARINA	E

Icons/Name		Category
	MUSEUM	E
	NIGHT LIFE/MUSIC CLUB	D
	PARK & RIDE	B
	PARKING	B
	PETROL STATION	B
	PUBLIC SPORT AIRPORT	E
	RECREATION AREA	E
	REST AREA	B
	RESTAURANT	D
	SHOPPING CENTRE	A
	SKI RESORT	E
	SPORTS COMPLEX	E
	THEATER / OPERA	E
	TOLL BOOTH	B
	TOURIST ATTRACTION	E
	TOURIST INFORMATION	B
	TRAIN STATION	B
	UNIVERSITY / COLLEGE	C
	WINERY	E

Menu/Map Colour

E08122600017

Setting the menu and map colours.

1. Touch [Change].
2. Touch the colour for each item.

TA0030947

3. Touch [Back]. Returns to the Screen Options screen.

Current Street Name

E08122700018

Set whether or not to display the name of the street you are driving on the current location screen.

[On]	Street name is on the screen.
[Off]	Street name is not on the screen.

Address Book Name

E08122800019

Set whether or not to display the name of the stored location on the map.

[On]	Stored location name is on the map.
[Off]	Stored location name is not on the map.

Vehicle Tracking

E08122900010

Set whether or not to display vehicle tracking by marking the driven road on the map, or whether to delete vehicle tracking that already exists.

[Clear]	Deletes vehicle tracking that already exists.
[On]	Vehicle tracking is on the map.
[Off]	Vehicle tracking is not on the map.

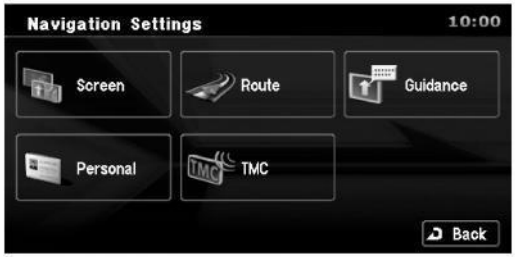
Route Options

E08123000018

Setting the route search conditions.

1. Display the Navi Menu and touch [Navigation Settings].

2. Touch [Route].



TA0030875

The route options screen is displayed.

TA0030950

3. Touch each item to change the setting.
4. Touch [Back]. The setting change is completed.

TA0030963

NOTE

● Touch [Default] to return to the factory settings.

Route Priority

E08123100019

Setting the route search priority.

[Fast]	Searches for a short route in terms of time (arriving quickly at the destination), using motorways and major roads.
[Short]	Searches for the route on the map with the shortest distance.
[Easy]	Searches for a route that is easy to drive, with few left or right turns (in particular left turns).

Minimize Motorways

E08123200010

Setting the conditions for using motorways.

[Yes]	Calculates a route that uses motorways as little as possible.
[No]	Calculates a route that uses motorways.

Minimize Toll Roads

E08123300011

Setting the conditions for using toll roads.

[Yes]	Calculates a route that uses toll roads as little as possible.
[No]	Calculates a route that uses toll roads.

Minimize Ferries

E08123400012

Setting the conditions for using ferries.

[Yes]	Calculates a route that uses ferries as little as possible.
[No]	Calculates a route that uses ferries.

Avoid Selected Areas

E08123500013

Setting whether or not to use the set avoid areas (p. 1-303).

[Yes]	Calculates a route that avoids selected areas.
[No]	Calculates a route that uses the avoid areas.

Avoid Time Restricted Roads

E08123600014

Setting whether or not to take time restrictions into account when performing the search.

[Yes]	Takes time restricted roads into account when calculating a route.
[No]	Does not take time restricted roads into account when calculating a route.

Avoid Traffic Problems

E08123700015

Setting whether or not to search for routes that avoid TMC symbols.

[Yes]	Calculates a route that avoids TMC symbols as much as possible.
[No]	Calculates a route that does not avoid TMC symbols.

Guidance

E08123800016

Setting the route guidance, and the display for the route search results.

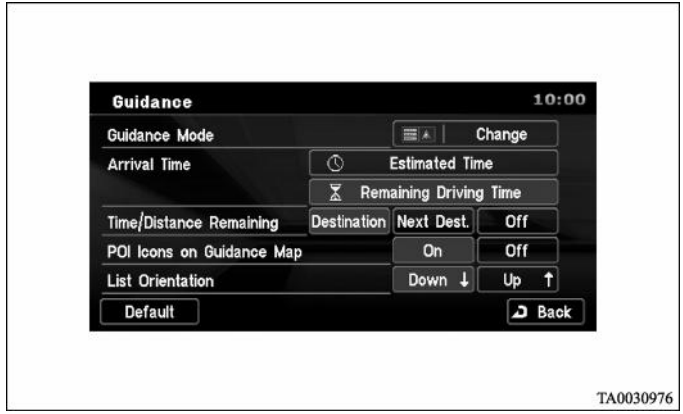
1. Display the Navi Menu and touch [Navigation Settings].

TA0027709

2. Touch [Guidance].

TA0030875

The Guidance screen is displayed.



TA0030976

3. Touch each item to change the setting.
4. Touch [Back]. The setting change is completed.

TA0030989

NOTE

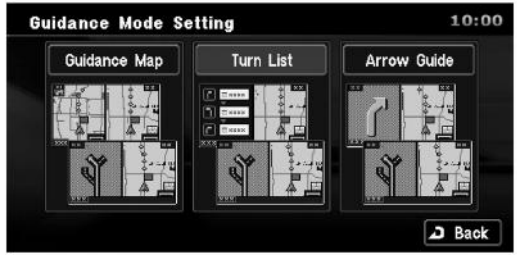
● Touch [Default] to return to the factory settings.

Guidance Mode

E08123900017

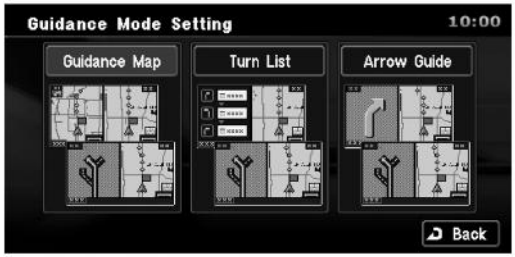
Setting the guidance mode.

1. Touch [Change]. The Guidance Mode Setting screen is displayed.
2. Touch one of the modes. Refer to “Junction Guidance” (p. 1-31) for details on each mode.



TA0030992

3. Touch [Back].



TA0031003

Arrival Time

E08124000015

Setting the display method for the arrival time at the destination.

[Estimated Time]	The estimated time of arrival is displayed.
[Remaining Driving Time]	The time required for driving (remaining time) is displayed.

Time/Distance remaining

E08124100016

Setting whether to display the arrival time and direction (direction icon) of both the destination and the Intermediate Destination.

[Destination]	Displays the time and direction to the destination.
[Next Dest.]	Displays the time and direction to the next location to be reached (Intermediate Destination or destination).
[Off]	Does not display the arrival time. The direction icon displays the direction to the destination.

POI Icons on Guidance Map

E08124200017

Setting whether or not to display POI icons on the junction guidance map.

[On]	POI icons is on the map.
[Off]	POI icons is not on the map.

List Orientation

E08124300018

Changing the list orientation.

[Down]	The list is displayed with the current location at the top.
[Up]	The list is displayed with the destination at the top.

NOTE

- Changes to the list orientation apply to the following screens.
  - Turn List Screen (p. 1-32)
  - Motorway List Screen (p. 1-64)
  - Route Outline Screen (p. 1-73)
  - Avoid Street Screen (p. 1-75)

Personal Settings

E08124400019

Individual user settings such as the address book, home location and avoid areas can stored and edited.

1. Display the Navi Menu and touch [Navigation Settings].

2. Touch [Personal].

TA0030875

The Personal Settings screen is displayed.

TA0031016

3. Touch each item to change the setting.

Address Book

E08124500010

If frequently visited locations are stored in advance in the address book, the route to the stored location can be calculated. The locations can be stored or edited in the address book.
A maximum of 99 items can be stored.

[Register]	A new location can be stored. Touch [Register], and then use the same operations as “Storing a New Location” (p. 1-87).
[Edit]	Editing information about a stored location. Refer to “Editing” (p. 1-95).
[Delete]	Deleting a stored location. Refer to “Deleting” (p. 1-83).

Home Location

E08124600011

Storing the home location and editing the information.

[Register]	Storing the home location. When a home location has already been stored, a new one cannot be stored until the old location is deleted with [Delete]. Refer to “When Storing Your Home” (p. 1-91).
[Edit]	[Edit] Editing the home information. The operations are the same as from step 3 of “Editing” (p. 1-95).
[Delete]	Deleting the home location. The operations are the same as from step 3 of “Deleting” (p. 1-83).

Avoid Areas

E08124700012

Areas to be avoided in a route search can be stored and edited. A maximum of 5 items can be stored.

Registering

Storing a new avoid area.

1. Touch [Register].
2. Touch one of the [Empty] displays.

TA0031029

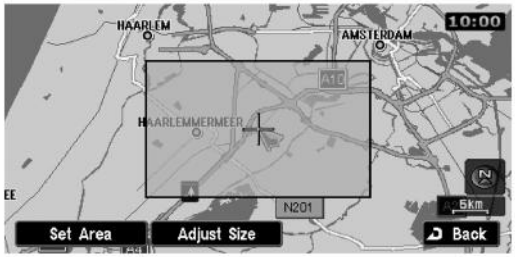
3. Touch [Near Current Area] or [Jump to Other Area].

TA0031032

NOTE

- When touching [Jump to Other Area], refer to “Address/Junction” (p. 1-42) to search for the location of the avoid area.

4. Touch [Set Area].



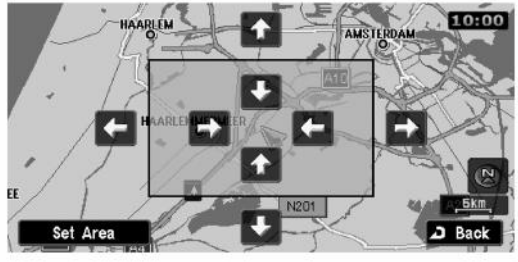
TA0031045

NOTE

● Scroll using the joystick to change the position from the displayed location to a different location. After the change has been completed, press the [ENT] key.

TA0031058

● Touch [Adjust Size] to widen or shrink the range of the avoid area. Complete by touching [Set Area] after the change.



TA0031061

5. Touch the [Name] button.

TA0031074

6. Input the name of the avoid area. Refer to “How to Enter Text” (p. 1-35).

TA0031087

7. Touch [Set].

8. Touch [Set]. The storing of the avoid area is completed.

TA0031090

Editing

Editing an avoid area that has already been stored.

1. Touch [Edit].
2. Touch the avoid area to edit.

TA0031104

NOTE

- Touch [Active] to activate the setting to avoid the avoid area.
- Touch [Inactive] to inactivate the setting to avoid the avoid area.

3. Touch one of the items to edit.

NOTE

- Touch [Adjust] to change the position or change the range in the same way as step 4 of “Registering” (p. 1-304).
- Touch the [Name] button to change the name of the avoid area in the same way as step 5 of “Registering” (p. 1-305).

4. Touch [Set].

5. Touch [Set]. The editing of the avoid area is completed.

Deleting

Deleting a stored avoid area.

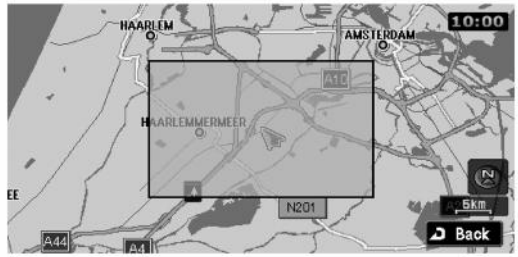
1. Touch [Delete].
2. Touch the avoid area to delete.

TA0031133

NOTE

- The avoid areas targeted for deletion are displayed with a highlight. Touch a location again to remove it from the deletion target.
- Multiple locations can be selected at the same time.
- Touch [Select All] to delete all avoid areas at the same time.

- Touch [Info] to display the map of the avoid area vicinity.



TA0031146

3. Touch [Done].

TA0031159

4. Touch [Yes]. The deletion of the selected avoid areas is completed.

TA0031162

My Categories

E08124800013

Frequently used POI categories can be stored in “My Categories”.
A maximum of six category items can be stored in “My Categories”.

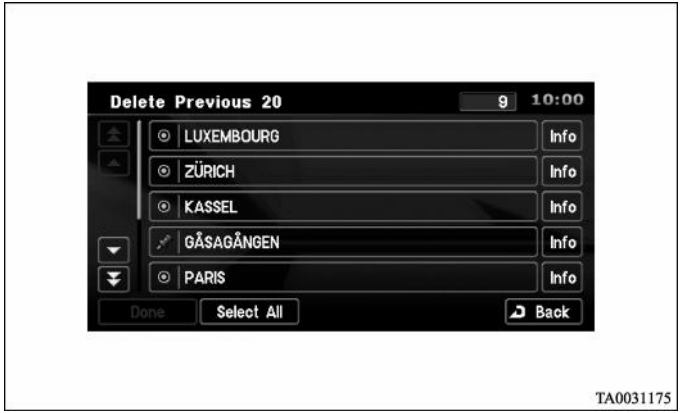
Touch [Edit]. A list is displayed of all categories. The remaining operations are the same as “Editing My Categories” (p. 1-55).

Delete Previous 20

E08124900014

Destinations from the previous 20 set destinations can be selected and deleted.

1. Touch [Select]. The Delete Previous 20 screen is displayed.
2. Touch the location to delete.

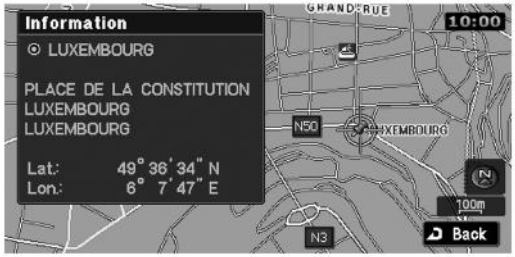


TA0031175

NOTE

- The locations targeted for deletion are displayed with a highlight. Touch a location again to remove it from the deletion target.
- Multiple locations can be selected at the same time.
- Touch [Select All] to delete all locations at the same time.

● Touch [Info] to display a map of the vicinity and corresponding information.



TA0031188

3. Touch [Done].

TA0031191

4. Touch [Yes]. The deletion of the selected locations is completed.

TA0031205

TMC Options

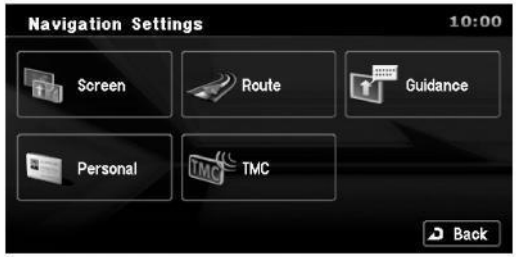
E08125000012

Automatic display, icons and other settings can be set for TMC (Traffic Message Channel), which displays traffic information such as traffic jams and construction sites on the map.

1. Touch [Navigation Settings].

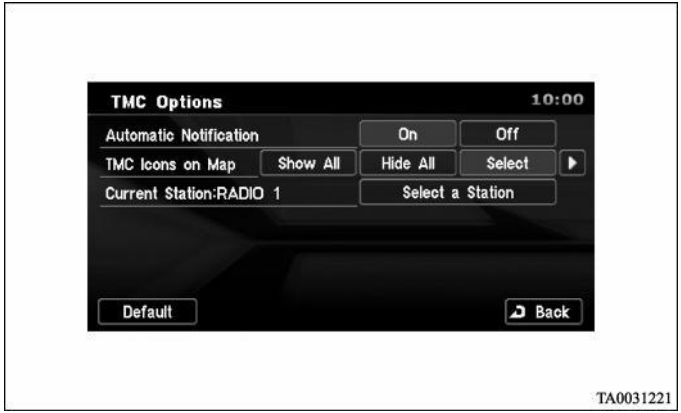
TA0027709

2. Touch [TMC].



TA0030875

3. Touch each item to change the setting. The TMC Options screen is displayed.



Automatic Notification

E08125100013

Automatic Interrupt of TMC traffic information can be set to [On] or [Off].

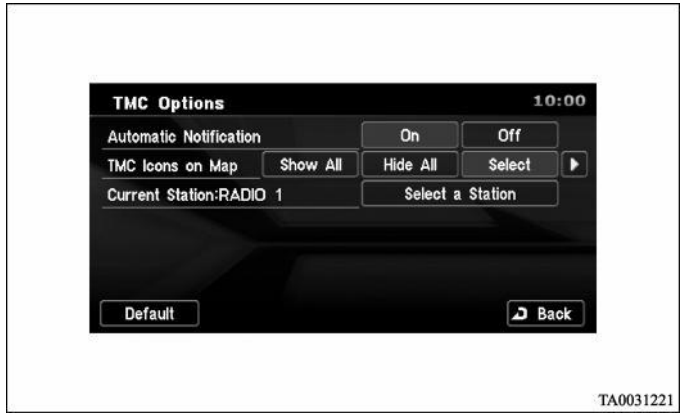
TMC Icons on Map

E08125200014

The setting for displaying TMC icons can be selected with [Show All], [Hide All] or [Select].

When [Select] has been selected

1. After selecting Select, touch [▶]. The TMC Icons on Map screen is displayed.



NOTE

- [▶] can be selected only when [Select] has been selected.

2. Touch the check box. The icon display setting changes.

TMC Icons Types
- Accident
- Contraflow
- Diversion
- Information
- Narrow Road
- Parking Information
- Congestion
- Road Works
- Slippery Road
- Other Hazards

Current Station

E08125300015

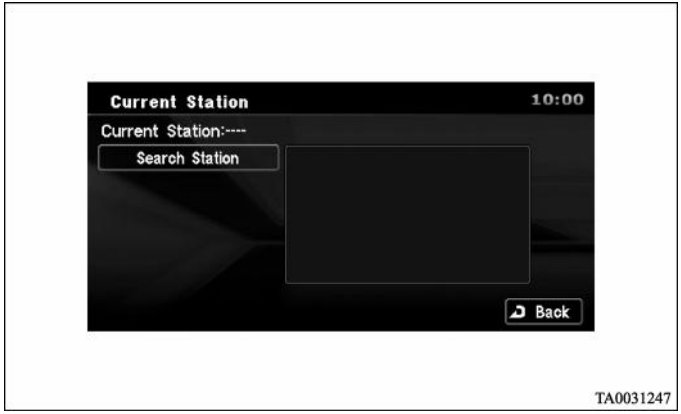
The TMC station can be selected manually.

NOTE
- If both a pay station and free station can be received at the same time, priority is given to the pay station.
- The station changes automatically based on the current location of the vehicle.

1. Touch [Select a Station].

NOTE
- When a station is currently being received, the name of the broadcasting station is displayed.

2. Touch [Search Station]. A list the names of broadcasting stations that can be received in the current location is displayed.



NOTE

- A telop, “There are no TMC channels available”, is displayed if there is a station that can be received.

3. Select the name of the broadcasting station and touch [Back]. The selected broadcasting station is received.

NOTE

- If a free station is selected when both a pay station and a free station can be received at the same time, reception of the free station will continue as long as possible. When reception is no longer possible, priority will be given to the pay station when selecting.

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