

Introduction

Thank you for buying a Mitsubishi Motors product. This Owner's Manual will add to your understanding and full enjoyment of the many fine features of the Mitsubishi Multi Communication System(MMCS).

Throughout this manual the words **WARNING** and **CAUTION** appear.

These are reminders to be especially careful. Failure to follow the instructions could result in personal injury or damage to your vehicle.

WARNING

Indicates a strong possibility of severe personal injury or death if instructions are not followed.

CAUTION

Points out hazards or unsafe practices that could cause minor personal injury or damage to your vehicle.

You will see another important symbol:

NOTE :Gives helpful information.



Usage Precautions

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.
- When operating the MMCS, do not park with the engine running in a closed or poorly ventilated area. Carbon monoxide gas, which is odorless and extremely poisonous, can build up and cause serious injury or death.

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

Navigation System

Basic Operation Reference Guide

1 Storing the Home Location

>>> *"When Storing Your Home" (page 5-2)*



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" (page 2-8)*

>>> *"Destination Setting" (page 3-12)*

- **Searching from the Address**

>>> *"From Address/Intersection" (page 3-2)*

- **Searching from the Points of Interest (POI) Name**

>>> *"Points of Interest (POI) Name" (page 3-5)*



3 Arriving at the Destination



4 Going Home

Go back to the stored home location.

>>> *"Go Home" (page 3-7)*



5 Deleting the Route

>>> *"Deleting the Route" (page 4-9)*

Adding a Way Point

Add a way point to be visited on the way to the destination.

>>> *"Adding a Way Point" (page 4-6)*

Deciding Locations to Store

Destinations and way points can be easily selected if frequently visited locations are stored.

>>> *"Storing a New Location" (page 5-1)*

>>> *"Editing a Location" (page 5-4)*

Viewing the Route

The route to the destination can be viewed.

>>> *"View Route" (page 4-1)*

Deciding the Route Search Conditions

The route search for the destination can be changed.

>>> *"Showing the Route (3 Routes)" (page 4-4)*

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Outline of the System

System

- Male or female voice guidance is available in 3 languages.
(English, French, Spanish)
- Trip information such as average speed, average fuel economy, and instant fuel economy can be viewed.
(page 9-5)
- Detailed settings can be made for vehicle equipment.
(page 10-7)
- The vehicle maintenance timing can be managed with the maintenance function. (page 9-9)
- Environmental information such as the outside air temperature, altitude, and air pressure can be viewed. (page 9-8)
- A special day or anniversary can be managed with the calendar function. (page 9-1)
- DVDs can be played. (page 8-1)
- Music CDs can be recorded and played using the Music Server. (page 7-1)

Easy Operation Setting

- The touch panel enables easy operation.

Destination Setting

- Addresses and nearby POIs can be easily searched for and set as the destination. (page 3-2)
- A route can be set for returning home. (page 3-7)
- A new destination can be set from the 20 destinations that have been previously set.
(page 3-7)

Display Guidance

- POI icons can be displayed on the map. There are 43 POI icon types. (page 10-10)
- The menu and map colors can be changed.
(page 10-6), (page 10-11)
- Markings can be displayed on the road on which the vehicle is being driven. (page 10-11)

Routing

- Detour routes can be set with specified distances or streets to avoid. (page 4-3)
- A route can be selected from 3 routes that have different calculation conditions. (page 4-4)
- Areas to avoid can be set. (page 10-16)

Voice Guidance

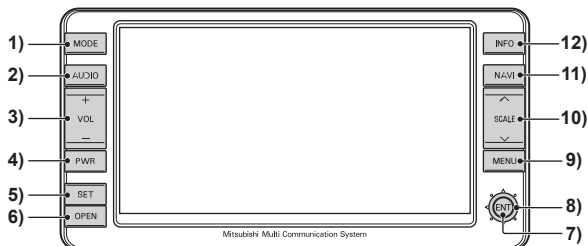
- Guidance is given for the required information at the optimum time. (page 2-12)
- A male or female voice can be selected. (page 10-5)

Vehicle information display (page 9-5)

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

Parts Name and Functions

Roles of the Panel Operations Keys



1) [MODE] Key

Displays the A/V mode selection screen.

2) [AUDIO] Key

Switches between the A/V screen and the NAVI screen.

3) [VOL] Key

Adjusts the A/V volume.

4) [PWR] Key

TURNS ON and OFF the audio functions.

5) [SET] Key

Displays the Settings screen.

6) [OPEN] Key

Opens and closes the monitor panel.

7) [ENT] Key

Implements the selected item.

8) Joystick

Scrolls the maps and implements item selection.

9) [MENU] Key

Displays the Navi menu screen.

10) [^ SCALE v] Key

Changes the map scale.

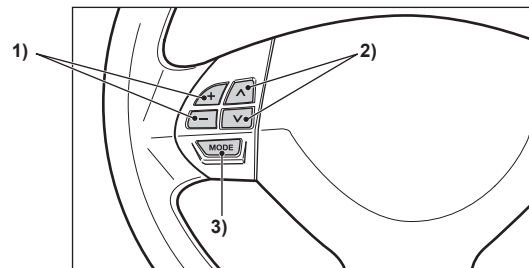
11) [NAVI] Key

Displays the current location screen.

12) [INFO] Key

Displays the Info screen.

Role of the Steering Switch



1) Volume up / down

([+] and [-] Keys)

Adjust the volume during audio function playback.

2) CH up / down

([^] and [v] Keys)

Moves up and down radio stations, moves 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 A/V mode each time this key is pressed.

GPS Measurement

GPS

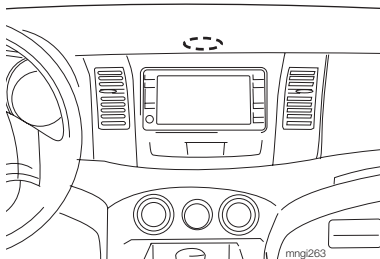
GPS is the acronym for Global Positioning System. The MMCS uses GPS satellites that orbit the Earth in space at an altitude of approximately 20,000km. Electromagnetic waves from at least three of these satellites are received on the Earth by the system, making it possible to learn the current position.

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.



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 cellphones, computers, etc. near the GPS antenna.

Situations where accurate measurement is not possible

In situations such as the following, accurate measurement may not be possible.

- Inside a tunnel or indoor parking area



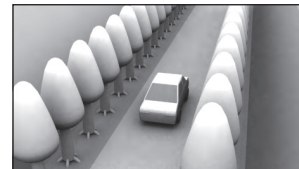
- Under a two-tier freeway



- Area with many high-rise buildings



- Between closely-spaced trees



The US Tracking and Control Center 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 a 1.5G digital mobile phone in the vicinity of the GPS antenna, as it could prevent accurate measurement.

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 with the 3D measurement.

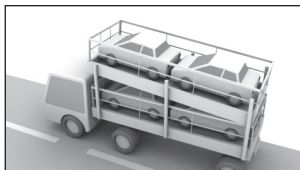
No Measurement

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

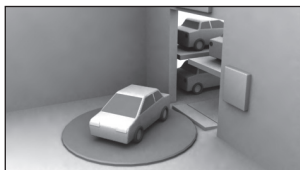
Error in the Current Location

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

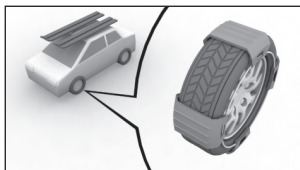
- Vehicle was moved without it being driven
(E.g., when transported on a ferry or trailer)



- Vehicle direction was changed without turning on the engine
(E.g., on a turntable in a parking area)



- After replacing the tires or chains



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



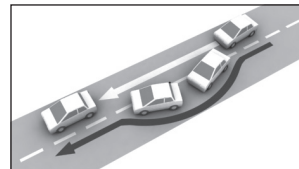
- When driving on roads that continue for a long time in a straight line or gentle curve
(E.g., freeways)



- When driving around tight hairpin corners



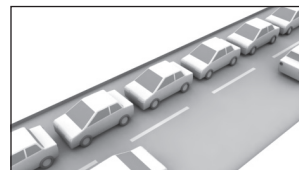
- When meandering on wide roads



- When driving on Y-shaped roads



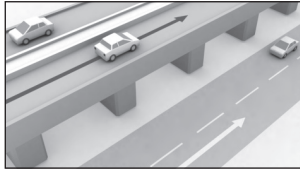
- When starting and stopping frequently at low speed, such as in a traffic jam



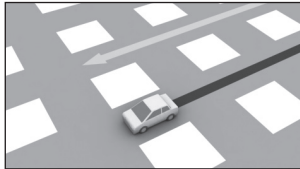
- When driving on snowy or unpaved roads



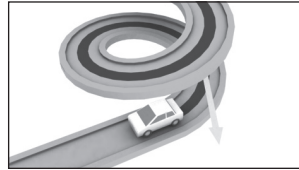
- When driving on roads parallel to others



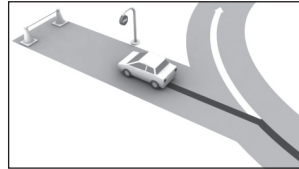
- When driving on grid-shaped roads



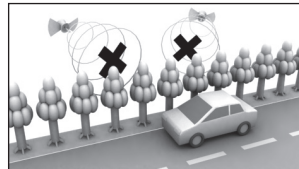
- When driving on a road that turns around in the same direction, such as a loop-shaped bridge or interchange



- When driving on roads where map data is not available



- When GPS measurements could not be made for an extended distance.



Route Calculation

- 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 way point. 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 way point becomes far away from the intersections of roads subject to the route guidance, a route may be displayed that passes the destination or way point.
- Traffic lanes in both directions are separately input for wide roads or roads with central dividers. If a destination (way point) is set in this kind of position, a route may be selected that passes and then returns to the destination (way point).
- 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 the 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 intersection map will not be displayed immediately after the route calculation, or due to other conditions.

Gracenote® Music Recognition ServiceSM

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Basic Operation

Starting the MMCS

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.
- When operating the MMCS, do not park with the engine running in a closed or poorly ventilated area. Carbon monoxide gas, which is odorless and extremely poisonous, can build up and cause serious injury or death.

1 Turn "ON" the ignition switch



eng_244



eng_a002

The opening screen is displayed.

If any function other than AUDIO was used last time, go to Step 2.

NOTE

- If special days and anniversaries (*page 9-1*) have been set, when the date matches the settings, the set icon is displayed on screen.
- If maintenance information (*page 9-9*) has been set, when the maintenance distance has been exceeded or the maintenance timing has been exceeded, a telop will be displayed in the opening screen.

2 Touch the desired language



eng_a001-1

NOTE

- When the meter is set to Auto, the language of both sides can be changed by performing operations on either the MMCS side or the meter side.
- When the meter is set to Manual, the language of the meter side and the MMCS side can be set separately.

3 Touch [OK]

After a moment, the display is changed to the navigation screen.

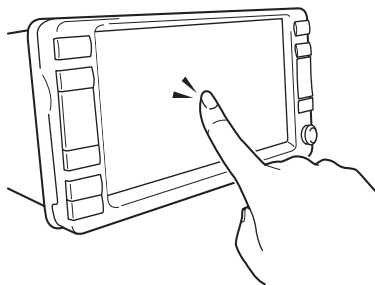
NOTE

- If the battery voltage is low in cold regions, etc., the navigation screen is displayed rather than the screen last used.

Operation Instructions

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.



mb447

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

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.

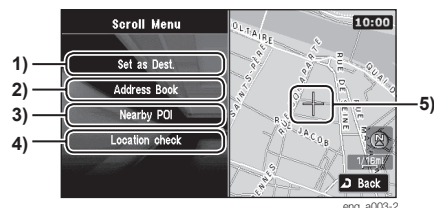


Scrolls back through a list one page at a time.

Menu Screens (Three Menus)

Scroll Menu

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



1) [Set as Dest.]

Sets the cursor position as the destination.
>>> "Destination Setting for Scrolled Position" (page 2-8)

2) [Address Book]

The cursor position can be stored in the address book.
>>> "Storing a New Location" (page 5-1)

3) [Nearby POI]

POI can be searched for in the vicinity of the cursor position. >>> "Nearby POI" (page 3-8)

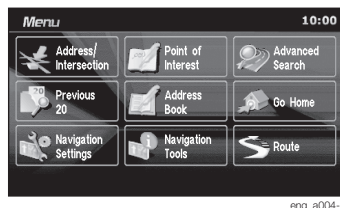
4) [Location check]

The positional relationship between the cursor position and the current location can be viewed.
>>> "Viewing the car location" (page 2-8)

5) Cursor

Navi Menu

Press the [MENU] key to display.



1) [Address/Intersection]

The location can be searched for using the address or street name of the destination.
>>> "From Address/Intersection" (page 3-2)

2) [Point of Interest]

The location can be searched for using a POI name.
>>> "Points of Interest (POI) Name" (page 3-5)

3) [Advanced Search]

An advanced search is possible based on the POI search.
>>> "Advanced Search" (page 3-8)

4) [Previous 20]

A new destination can be set from the 20 destinations that have been previously set.
>>> "Previous 20" (page 3-7)

5) [Address Book]

A previously stored location can be called up and set as the destination.
>>> "Address Book" (page 5-1)

6) [Go Home]

A route can be set for returning home.
>>> "Go Home" (page 3-7)

7) [Navigation Settings]

Various functions related to the navigation can be set. >>> "Settings" (page 10-1)

8) [Navigation Tools]

The Demo of the set route and basic information related to the navigation can be viewed.
>>> "Start Demo" (page 4-8)

9) [Route]

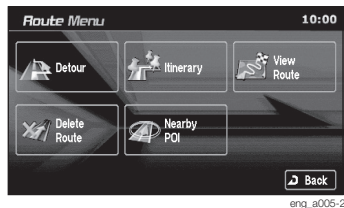
The [Route] button is displayed when a destination has been set.
>>> "Route Menu" (page 2-4)

Route Menu

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.



1) [Detour]

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

>>> *"Detour" (page 4-3)*

2) [Itinerary]

The destination position can be changed, a way point can be added, and the route calculation conditions can be changed.

>>> *"Editing the Route (Itinerary)" (page 4-4)*

3) [View Route]

The route can be viewed using various methods.

>>> *"View Route" (page 4-1)*

4) [Delete Route]

Deleting a created route.

>>> *"Deleting the Route" (page 4-9)*

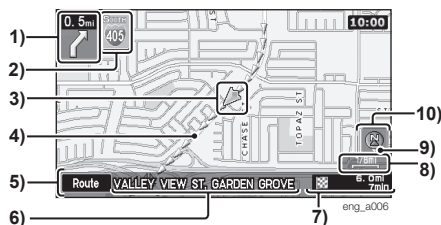
5) [Nearby POI]

POI can be searched for in the vicinity of the current location. >>> *"Nearby POI" (page 3-8)*

Map Screen

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

Current Location Screen



1) 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.

2) Direction Box

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

3) Vehicle Mark

Shows the position of the vehicle being driven.

4) Guidance Route

When a route is set, shows the route to the destination.

5) [Route]

[Route] is displayed only while setting route. When touched, shows Route Menu (*page 2-4*).

6) Street Name

Displays the name of the street currently being traveled.

7) Destination/Way Point Information

When a route is set, shows the distance and time to the destination or way point.

8) Map Scale

Shows the scale of the displayed map.

9) Destination/Way Point Direction Icon

Shows the direction to the destination or way point. Only displayed when a route has been set.

10) Orientation Mark

Shows the orientation of the displayed map.

Changing the Map Display

Changing the display method of the map screen.

Displaying the Current Location Screen

Displays the current location.

1 Press the [NAVI] key



The current location screen is displayed.

Changing the Scale

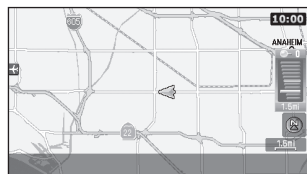
The scale of the map display can be changed within a range of 1/32 miles (50m) to 60 miles (100km).

NOTE

- The scale display unit can be changed from "mile" to "km". >>> "Unit" (page 10-5)

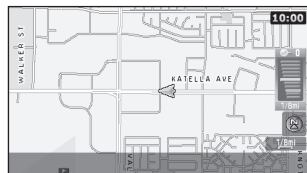
One Map Mode

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 v] key



A more detailed area can be viewed each time the [SCALE v] key is pressed.

NOTE

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

Two Maps Mode

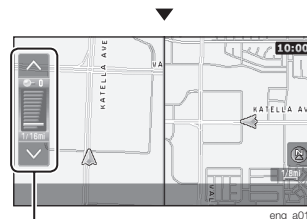
When two maps are displayed, the left and right screens can be changed to different scales.

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

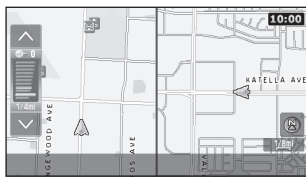
- Switching between One Map and Two Map can be performed in "Screen Options". >>> "One/Two Maps" (page 10-9)

1 Touch the map section of the left map



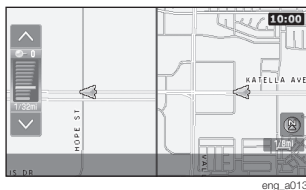
A scale bar is displayed.

2 Touch [^] to display a wide area



A wider area can be viewed each time [^] is touched.

3 Touch [v] to display a detailed area



A more detailed area can be viewed each time [v] is touched.

NOTE

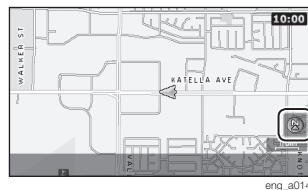
- Perform these operations while the scale bar is being displayed.
- Touch and hold [^] or [v] to change the scale using smooth zoom.

Changing Map Orientation

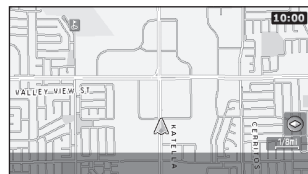
The map orientation can be changed according to various conditions.

1 Touch the orientation button

Orientation Mark







North-Up



Heading-Up

Each time the orientation mark is touched, the map orientation is changed in the sequence "North-Up" → "Heading-Up" → "Auto".

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 1/16 miles (100m) or less, and "North-Up" is selected for a scale of 1/8 miles (250m) or more.

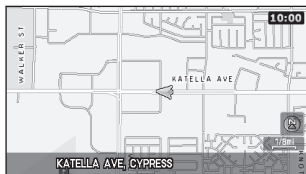
In Two Maps Display

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.

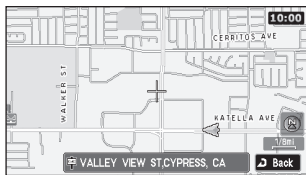
Scrolling the Map

The map can be scrolled to search for a location to view.

- 1 Move the joystick in the direction to be viewed



eng_a007



eng_a019

The map is scrolled.

NOTE

- When Two Map is set, during scrolling One Map display is shown at the scale selected for the right-side screen.
- During scrolling, the scale can be changed by pressing [SCALE] key.

Destination Setting for Scrolled Position

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



eng_a023

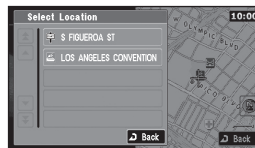
The scroll menu screen is displayed.

- 2 Touch [Set as Dest.]

>>> Continued at "Destination Setting" (page 3-12)

NOTE

- If there are several POIs in the scroll, a list is displayed, and the POIs to be registered can be selected.
- Touch [Address Book] to store the cursor position.
>>> "From the Scroll Menu" (page 5-1)
- Touch [Nearby POI] to search for POI (Points of Interest) in the vicinity of the cursor position.
>>> "From the Scroll Menu" (page 3-9)

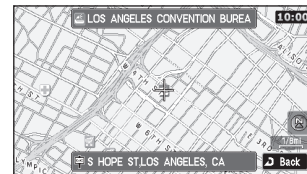


eng_a127

Viewing the car location

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

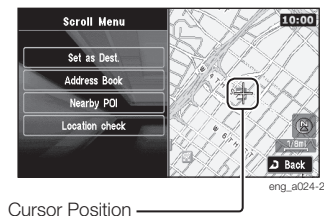
- 1 Scroll the map and place the cursor on the desired location, and press the [ENT] key



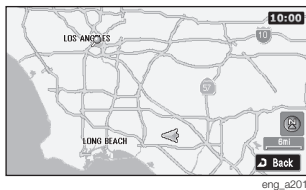
eng_a023

The scroll menu screen is displayed.

2 Touch [Location check]



Cursor Position



The positional relationship between the current location and the cursor position can be viewed.

NOTE

- The location with the  (pin mark) mark is the cursor position.

Intersection Guidance

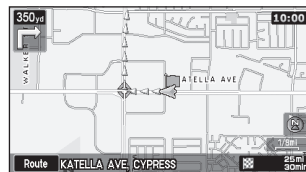
An enlarged intersection map is displayed when an intersection is approached. The guidance mode can be changed with the settings.

NOTE

- Refer to “Guidance Mode” (page 10-14) for details on how to change the guidance mode.

Guidance Map

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



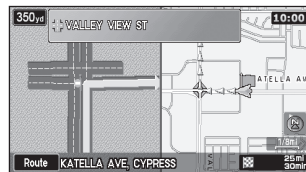
eng_a025

NOTE

- The ferry mark is displayed when there is a ferry terminal.



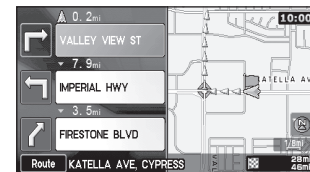
eng_a030



eng_a026

Turn List

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



eng_a027

NOTE

- The toll booth mark is displayed when there is a toll booth.

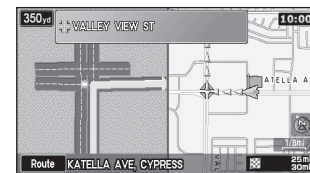


eng_a207

- The ferry mark is displayed when there is a ferry terminal.



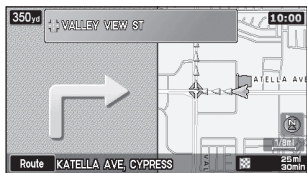
eng_a029



eng_a026

Arrow Guide

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



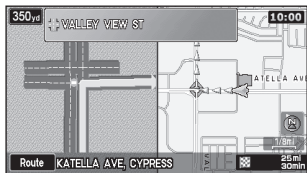
eng_a028

NOTE

- The ferry illustration is displayed when there is a ferry terminal.



eng_a031



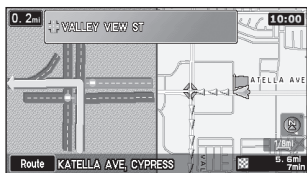
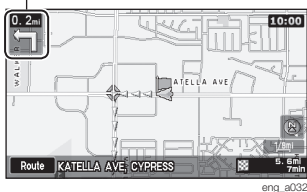
eng_a026

Listening to the Voice Guide

The voice guide provides information regarding the distance to the next intersection on the route and the direction you should turn. The voice guide comes on automatically when approaching in intersection, but can be activated at any time by the following operation:

1 Touch the [Maneuver icon]

Maneuver Icon



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

NOTE

- The voice guidance volume and male or female voice selection can be changed.

>>> "Other Settings" (page 10-5)

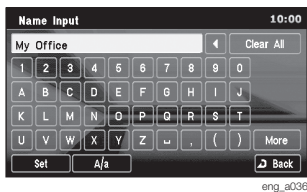
How to Enter Text

The text input keyboard is displayed when searching for a location or for the name of a stored location.

Capital letters, small letters, and symbols can be input depending on the function.

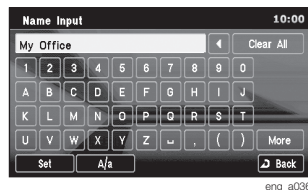
NOTE

- 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 changed between [Alphabet] and [PC] using "Keyboard Layout" in "Other Settings" (page 10-6)



Entering a letter

1 Touch the letters

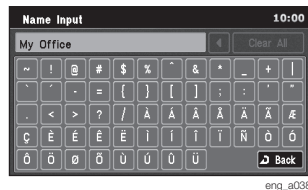


The touched letters are input.

Entering a Symbol

1 Touch [More]

2 Touch the symbols



The touched symbols are input.

Deleting Text

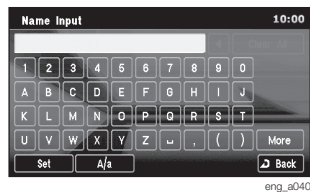
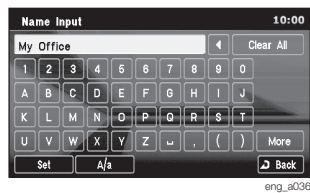
1 Touch [◀]



The letters are deleted one by one.

Clear All Text

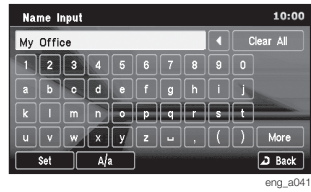
1 Touch [Clear All]



All the input letters are deleted.

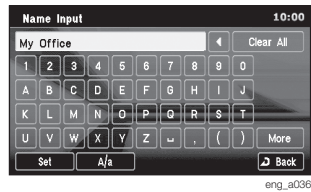
Switching between Upper Case and Lower Case

1 Touch [A/a]



The letter changes to lower case.

2 Touch [A/a] again



The letter returns to upper case.

Completing the input

1 Touch [Set]

The input letters are set, and the screen returns to the original display.

Destination

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

From Address/Intersection (page 3-2)

Used when the address or intersection of 2 streets at the destination is known.

Points of Interest (POI) Name (page 3-5)

Used when the name of the desired POI is known.

Previous 20 (page 3-7)

A new destination can be set from the 20 destinations that have been previously set.

Address Book (page 3-7)

If a location has already been stored (*page 5-1*) in the address book, it can be called up and set as the destination.

Go Home (page 3-7)

If the home location has already been stored (*page 5-3*), the route to go home can be set.

Advanced Search

Nearby POI (page 3-8)

Searching for POI in the vicinity of the current location.

POI along Route (page 3-9)

Searching for POI along the set route.

POI by Dest./Way Point (page 3-9)

Searching for POI in the vicinity of the set destination/way point.

POI along a Street (page 3-10)

Searching for POI along a specified street.

POI by Freeway (page 3-10)

Searching for POI along a freeway or in the vicinity of the exit.

Can only be used when driving on a freeway.

Map Point (page 3-11)

Searching for a location by scrolling (*page 2-8*) the map.

Return Trip (page 3-11)

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

Latitude/Longitude (page 3-11)

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

“POI”=Points of Interest

Basic Method

The basic method of searching for a location.

1 Press the [Menu] key



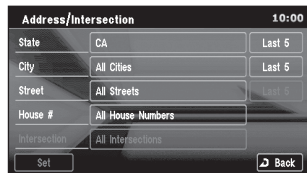
The navi menu is displayed.

From Address/Intersection

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

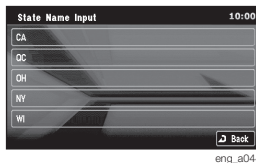
1 Display the Navi Menu and touch [Address/Intersection]

2 Touch the “State” button



NOTE

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



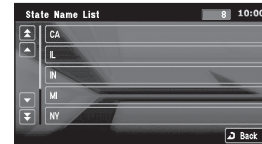
3 Input the state name

>>> “How to Enter Text” (page 2-13)



NOTE

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

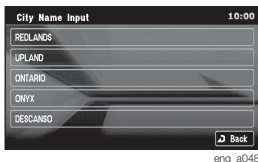


4 Touch the “City” button



NOTE

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



eng_a046

5 Input the city name

>>> "How to Enter Text" (page 2-13)



eng_a047

NOTE

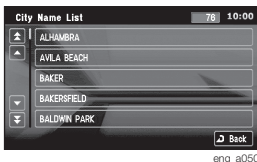
- If there is only one candidate when a character is input for the city name, go to step 6.
- If there are five candidates or less when a character is input for the city name, a list is displayed and a city can be selected from the list.
- Touch [List] to select a city from the list.



eng_a049

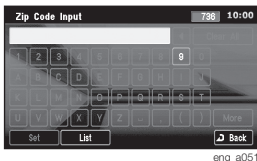
NOTE

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



eng_a050

- Touch [Zip Code] to input the zip code and specify the address. Note that [Last 5] is not stored for the zip code.

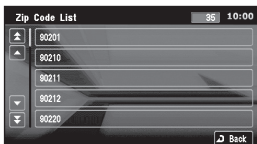


eng_a051

If there is only one candidate when a character is input for the zip code, go to step 6.

If there are five candidates or less when a character is input for the zip code, a list is displayed and a zip code can be selected from the list.

Touch [List] on the "Zip Code Input" screen after inputting a character to display only the zip codes that start with the input character. The zip code can then be selected from this list.



eng_a052

6 Touch the "Street" button**NOTE**

- One of the five most recently selected streets from the corresponding state and city can be selected by touching [Last 5] of "Street".

7 Input the street name

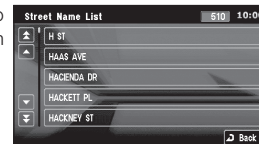
>>> "How to Enter Text" (page 2-13)



eng_a053

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.



eng_a054

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



eng_a055

8 Touch [Set]

Address/Intersection 10:00

State	CA	Last 5
City	LOS ANGELES	Last 5
Street	HOLLYWOOD WAY,NORTH	Last 5
House #	All House Numbers	
Intersection	All Intersections	

Set Back

eng_a056

>>> Continued at "Destination Setting" (page 3-12)

NOTE

The house number or intersection 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.
>>> "House Number Input" (page 3-4)
- Touch [All Intersections] to set a detailed address by inputting the intersection name.
>>> "Intersection Input" (page 3-5)

House Number Input

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

1 Input the "State", "City" and "Street" in "From Address/Intersection" (page 3-2)

2 Touch the "House #" button

3 Input the house number

>>> "How to Enter Text" (page 2-13)

House Number Input 10:00

House#Range 7600-7799

Set Keyboard Back

eng_a057

NOTE

- Letters can also be input by touching [Keyboard].

House Number Input 10:00

Set Numeric Input Back

eng_a058

Touch [Numeric Input] to return to the original numeric input screen.

4 Touch [Set]

House Number Input 10:00

7654 Clear All

House#Range 7600-7799

Set Keyboard Back

eng_a059

5 Touch [Set]

Address/Intersection 10:00

State	CA	Last 5
City	LOS ANGELES	Last 5
Street	HOLLYWOOD WAY,NORTH	Last 5
House #	7654	
Intersection	All Intersections	

Set Back

eng_a060

>>> Continued at "Destination Setting" (page 3-12)

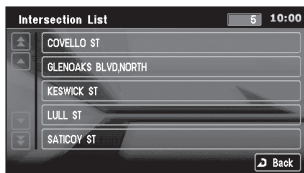
Intersection Input

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

1 Input the “State”, “City” and “Street” in “From Address/Intersection” (page 3-2)

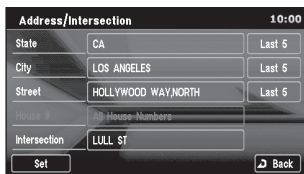
2 Touch the “Intersection” button

3 Touch the intersection to be set as the destination



eng_a061

4 Touch [Set]



eng_a062

>>> Continued at “Destination Setting” (page 3-12)

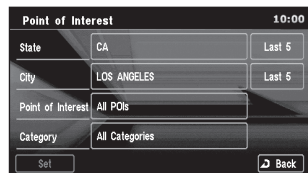
Points of Interest (POI) Name

Used when the name of the desired POI is known.

1 Display the Navi Menu and touch [Point of Interest]

2 Input the “State” and “City”

Input the “State” and “City” with the same operations as in “From Address/Intersection” (page 3-2).



eng_a063-1

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



eng_a064

NOTE

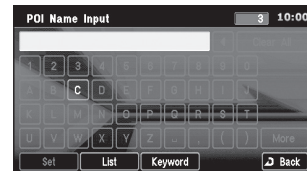
- Touch [My Categories] to select frequently used categories that have already been stored. Refer to “Editing My Categories” (page 3-6) for details on storing a category.
- One of the five most recently selected categories can be selected by touching [Last 5].
- Touch [All] to select from all categories.

5 Touch category type to select

6 Touch the “Point of Interest” button

7 Input the POI name

>>> “How to Enter Text” (page 2-13)



eng_a065

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




eng_a066

8 Touch [Set]



eng_a067

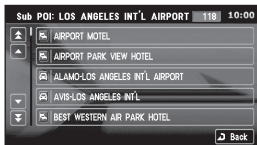
NOTE

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



eng_a068

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



eng_a069

>>> Continued at "Destination Setting" (page 3-12)

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

>>> "Points of Interest (POI) Name" (page 3-5)

2 Touch [My Categories]



eng_a064

3 Touch [Edit My Categories]

A list is displayed of all categories.

4 Touch the category to store



eng_a070

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 (five items are stored before shipment).

5 Touch [Back]



eng_a071

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

Previous 20

A new destination, way point, 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

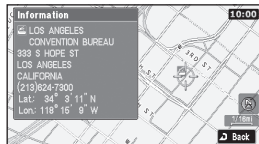


eng_a072

>>> Continued at "Destination Setting" (page 3-12)

NOTE

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



eng_a073

- Destinations that have been previously set can be deleted. >>> "Delete Previous 20" (page 10-19)

Address Book

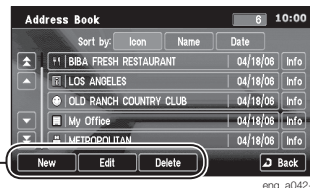
If a location has already been stored (page 5-1) in the address book, it can be called up and set as the destination.

NOTE

- If no locations have been stored in the address book, [Address Book] cannot be selected.
- Refer to "Storing a New Location" (page 5-1) 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



eng_a042-1

[New],[Edit],[Delete]

>>> "Editing a Location" (page 5-4)

>>> Continued at "Destination Setting" (page 3-12)

Go Home

If the home location has already been stored (page 5-2), the route to go home can be set.

NOTE

- Refer to "When Storing Your Home" (page 5-2) for details on storing the home position.

1 Display the Navi Menu and touch [Go Home]

>>> Continued at "Destination Setting" (page 3-12)

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.

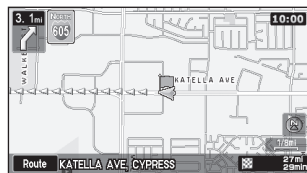


eng_a037

Advanced Search

Separate from the basic search functions, a specialized search is possible using the advanced search functions.

1 Press the [Menu]



The navi menu is displayed.

2 Touch [Advanced Search]



The "Advanced Search" menu is displayed.

Nearby POI

Searching for POI in the vicinity of the current location.

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

1 Display the "Advanced Search" menu and touch [Nearby POI]

2 Touch the category of the desired POI

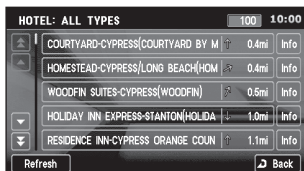


NOTE

- Touch [My Categories] to select frequently used categories that have already been stored. Refer to "Editing My Categories" (page 3-6) 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 category type to select

4 Touch the desired POI

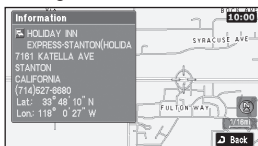


eng_a077

>>> Continued at "Destination Setting" (page 3-12)

NOTE

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



eng_a078

From the Scroll Menu

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

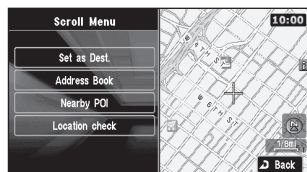
1 Scroll the map and place the cursor on the location of the desired facility, and press the [ENT] key



eng_a079

2 Touch [Nearby POI]

The remaining operations are the same as from step 2 of "Nearby POI" (page 3-8).



eng_a080-2

POI along Route

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

1 Display the "Advanced Search" menu and touch [POI along Route]

The remaining operations are the same as from step 2 of "Nearby POI" (page 3-8).

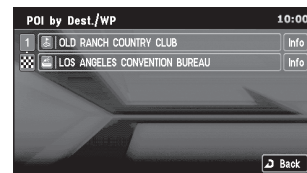
POI by Dest./Way Point

Searching for POI in the vicinity of the set destination/way point.

A maximum of 100 POIs can be searched for within a range of approximately 60 miles (100km) from the destination or way point.

1 Display the "Advanced Search" menu and touch [POI by Dest./WP]

2 Touch the destination or way point

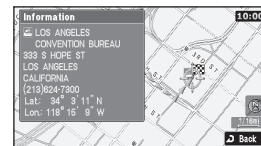


eng_a081

The remaining operations are the same as from step 2 of "Nearby POI" (page 3-8).

NOTE

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



eng_a082

POI along a Street

Searching for POI along a specified street.

1 Display the “Advanced Search” menu and touch [POI along a Street]

2 Input the “State”, “City” and “Street”

Input the “State”, “City” and “Street” with the same operations as in “From Address/Intersection” (page 3-2)



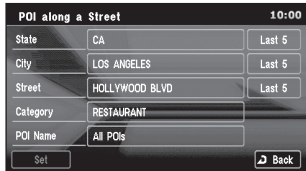
eng_a083

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



eng_a084

5 Touch the “Point of Interest” button

6 Input the POI name

>>> “How to Enter Text” (page 2-13)



eng_a085

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.



eng_a086

7 Touch [Set]



eng_a087

>>> Continued at “Destination Setting” (page 3-12)

POI by Freeway

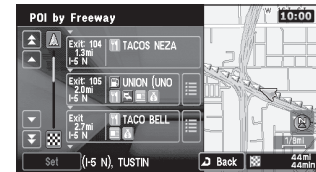
Searching for POI along a freeway or in the vicinity of the exit.

Can only be used when driving on a freeway.

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

The FWY area list screen is displayed.

2 Touch the desired area

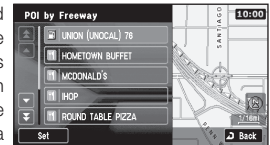


eng_a088

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

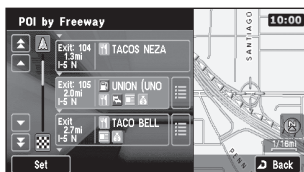
NOTE

- [] is displayed when there are two or more POIs in the area. Touch [] to display the POI list and make a detailed selection.



eng_a089

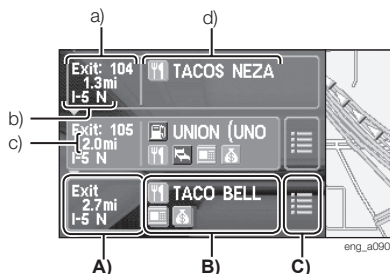
3 Touch [Set]



eng_a090

>>> Continued at "Destination Setting" (page 3-12)

FWY Area List Screen



eng_a090

A) Area information

- a) Exit number
- b) Freeway name
- c) Distance from vehicle

B) The POI with the highest priority in the vicinity of the exit

- d) The closest POI to the exit

C) POI list display button

Displayed if there are two or more facilities in the area vicinity. Displays the list and enables selection of stored facilities at the destination or along the route.

Map Point

Searching for a location by scrolling (page 2-8) the map.

1 Display the "Advanced Search" menu and touch [Map Point]

The scroll menu is displayed.

The remaining operations are the same as from "Destination Setting for Scrolled Position" (page 2-8).

Return Trip

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

1 Display the "Advanced Search" menu and touch [Return Trip]

A map of the vicinity is displayed with the starting position at the center.

>>> Continued at "Destination Setting" (page 3-12)

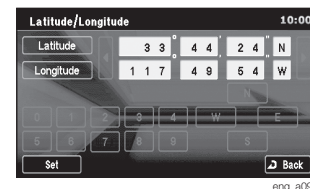
Latitude/Longitude

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 are displayed.

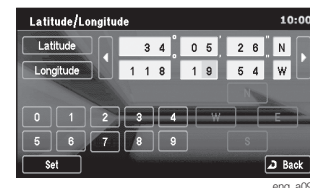
2 Touch [Latitude] or [Longitude]



eng_a091

The latitude or longitude can now be edited.

3 Input the latitude/longitude of the destination



eng_a092

NOTE

- Touch [◀] or [▶] to change the input position.

4 Touch [Set]

>>> Continued at "Destination Setting" (page 3-12)

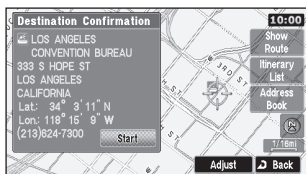
Destination Setting

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

Setting as Destination

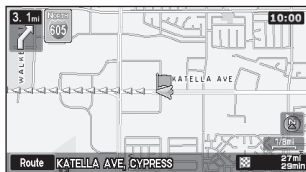
Setting the displayed location as the destination.

1 Touch [Start]



eng_a093

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



eng_a074

NOTE

Carpool / HOV inclusion (if so equipped)

- This screen displays after touching [Start] if there are Carpool/HOV lanes in the route set. Touch [Yes] if a Carpool/HOV lane is to be used.
- The Carpool/HOV information concerning time regulations and requirements for the number of passengers may sometimes vary or conflict with the actual traffic regulations. Make sure to drive in accordance with the actual road situation and traffic rules.



eng_a503-2

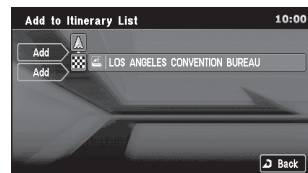
Setting as Way Point

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

1 Touch [Itinerary List]

A list of the way points and destination is displayed.

2 Touch [Add] in the sequence in which it is to be visited



eng_a095

The searched location is added to the route as a way point.

3 Touch [Start]

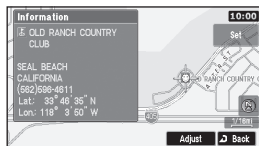


eng_a096

The route search is started.

NOTE

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



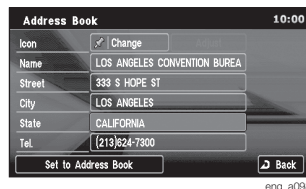
- Touch [Show Route] to display the entire route, view 3 different routes and change the calculation conditions in the same way as *"Showing the Route"* (page 4-4).
- Touch [Re-order] to change the sequence for visiting each location in the same way as *"Re-ordering"* (page 4-5).
- Touch [Add] to add a way point in the same way as *"Adding a Way Point"* (page 4-6).
- Touch [Delete] to delete a destination or way point in the same way as *"Deleting"* (page 4-6).
- Touch [Option] to perform settings related to the route in the same way as *"Route Options"* (page 10-12)

Storing the Location

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

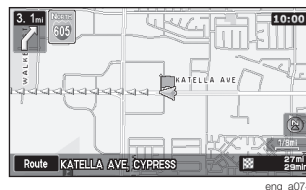
- Stored information other than "State" can be edited. When editing an icon or name, perform in the same way as *"Editing a Location"* (page 5-4).

Route

View Route

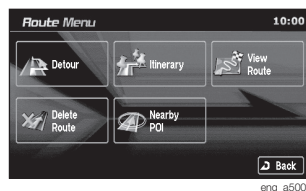
The created route can be viewed using various methods.

1 Touch [Route] on the current location screen

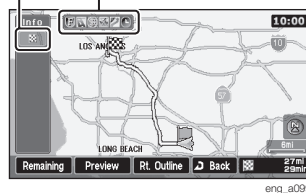


The route menu is displayed.

2 Touch [View Route]



Location Information Button
Route Option Icon



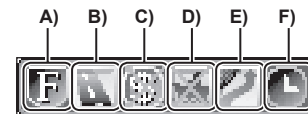
The view route screen is displayed.

NOTE

- Touch [Info] of the location information button or [1], [2]..., to display the map of the vicinity of the destination and way point.

Route Option Icon

The route option icon can be used to view with icons the information set in "Route Options" (page 10-12).



A) Route Priority

- [F] Indicates "Fast".
- [S] Indicates "Short".
- [E] Indicates "Easy".

B) Minimize Freeway

- [Yes] Indicates "Yes".
- [No] Indicates "No".

C) Minimize Toll Roads

- [Yes] Indicates "Yes".
- [No] Indicates "No".

D) Minimize Ferries

- [Yes] Indicates "Yes".
- [No] Indicates "No".

E) Avoid Selected Area

- [Yes] Indicates "Yes".
- [No] Indicates "No".

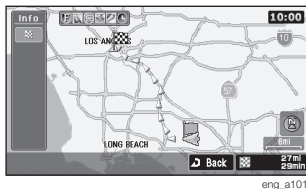
F) Avoid Time Restricted Roads

- [Yes] Indicates "Yes".
- [No] Indicates "No".

Remaining

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

1 Touch [Remaining] in the view route screen (page 4-1)



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

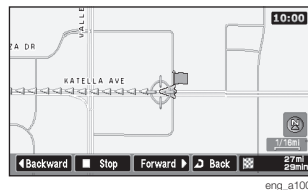
Preview

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

1 Touch [Preview] in the view route screen (page 4-1)

The preview screen is displayed.

2 Touch [Backward], [Stop] or [Forward]



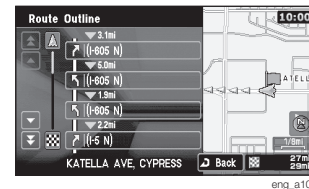
NOTE

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

Route Outline

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

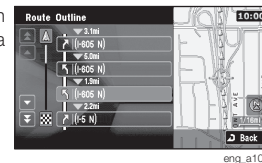
1 Touch [Rt. Outline] in the view route screen (page 4-1)



A list of the intersections where turns are required is displayed.

NOTE

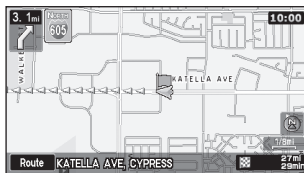
- Touch an intersection on the list to display a map of its vicinity.



Detour

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

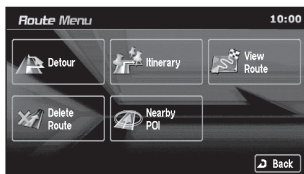
- 1 Touch [Route] on the current location screen



eng_a074

The route menu is displayed.

- 2 Touch [Detour]



eng_a500-2



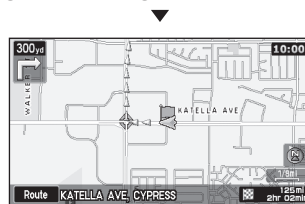
eng_a107

The detour setting screen is displayed.

Detour Distance

Specifying the distance to calculate the detour route.

- 1 Touch the desired detour distance for “Detour Distance” in the detour setting screen (page 4-3)



eng_a108

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

NOTE

- The distance unit in the factory settings is “miles”. If the unit is changed to “km” (“System Settings” (page 10-5)), the detour distances are [1], [5], [10], [20], [40], [80].
- A detour route longer than the entire route length cannot be selected.

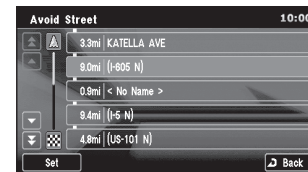
Avoid Street

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 (page 4-3)

A list of streets to be passed on the current route is displayed.

- 2 Touch the start street

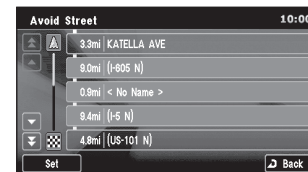


eng_a109

NOTE

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

- 3 Touch the end street



eng_a110

- 4 Touch [Set]

A detour route is calculated according to the specified street area, and route guidance starts.

Editing the Route (Itinerary)

The destination position can be changed, a way point can be added, and the route calculation conditions can be changed.

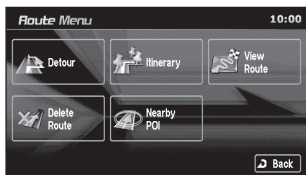
1 Touch [Route] on the current location screen



eng_a074

The route menu is displayed.

2 Touch [Itinerary]



eng_a500-2



eng_a036

The itinerary list screen is displayed.

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.

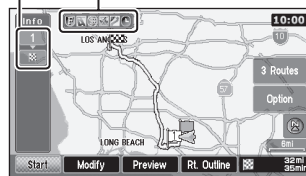
Showing the Route (3 Routes)

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 (page 4-4)

Location Information Button

Route Option Icon



eng_a034

The show route screen is displayed.

NOTE

- Touch [] of the location information button or [1], [2]... to display the map of the vicinity of the destination and way point.
- The route option icon can be used to view with icons the information set in "Route Options" (page 10-12). Refer to "Route Option Icon" (page 4-1) for the meanings of the icons.
- Touch [Option] to perform settings related to the route in the same way as from "Route Options" (page 10-12).

NOTE

- Touch [Rt. Outline] to display a list of the intersections up to the destination where turns are required.
>>> "Route Outline" (page 4-2)
- Touch [Preview] to scroll the map along the route.
>>> "Preview" (page 4-2)
- Touch [Modify] to return to the itinerary list screen.

2 Touch [3 Routes]

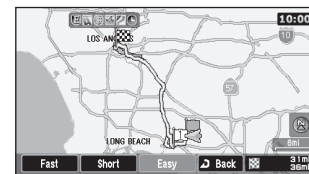
3 routes are displayed: [Fast], [Short] and [Easy].

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



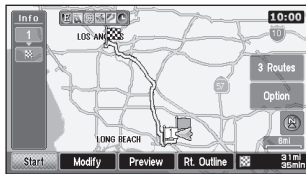
eng_a111

4 Touch [Back]



eng_a112

5 Touch [Start]



eng_a113

Guidance starts for the changed route.

Re-ordering

The sequence for visiting each location can be changed.

1 Touch [Re-order] in the itinerary list screen (page 4-4)

The re-order screen is displayed.

2 Touch the locations in the desired sequence



eng_a114

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

3 Touch [Done]



eng_a115

NOTE

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

4 Touch [Start]



eng_a116

Guidance starts for the changed route.

Adding a Way Point

A way point can be added to the current route.

1 Touch [Add] in the itinerary list screen (page 4-4)

The destination search screen is displayed.

2 Touch one of the search methods to search for the location



Refer to the following pages to search for the location.

>>> [Address/Intersection] (page 3-2)

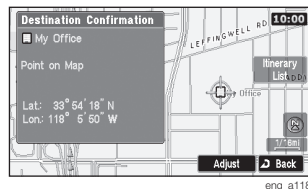
>>> [Point of Interest] (page 3-5)

>>> [Advanced Search] (page 3-8)

>>> [Previous 20] (page 3-7)

>>> [Address Book] (page 3-7)

3 Touch [Itinerary List]



4 Touch [Add] in the sequence position in which it is to be visited



The searched location is added to the route as a way point.

5 Touch [Start]



Guidance starts for the changed route.

Deleting

A destination or way point can be deleted.

1 Touch [Delete] in the itinerary list screen (page 4-4)

The delete itinerary screen is displayed.

2 Touch the location to delete



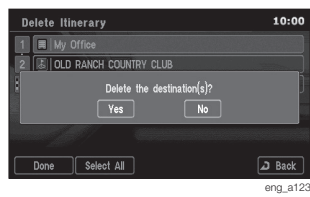
NOTE

- The location to be deleted will be highlighted. 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]



4 Touch [Yes]



5 Touch [Start]



Guidance starts for the changed route.

Option

Settings related to the route can be performed.

1 Touch [Option] in the itinerary list screen (page 4-4)



The route options screen is displayed.
The remaining operations are the same as from step 3 of "Route Options" (page 10-12).

Start Demo

The set route can be viewed with a demo.

1 Display the Navi Menu, and touch [Navigation Tools]



eng_a004-2

The navigation tools screen is displayed

2 Touch [Start Demo]



eng_a104



eng_a105

The demo is started.

Stop Demo

Stopping the demo that is operating.

1 Display the Navigation Tools screen during the demo

2 Touch [Stop Demo]



eng_a106

The demo is stopped.

Deleting the Route

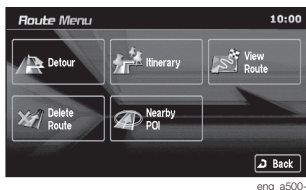
Deleting a created route.

- 1 Touch [Route] on the current location screen



The route menu is displayed.

- 2 Touch [Delete Route]



- 3 Touch [Yes]



The route is deleted.

Address Book

Storing a New Location

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

Storing a location from the Navi Menu.

1 Search for the location

>>> "Destination" (page 3-1)

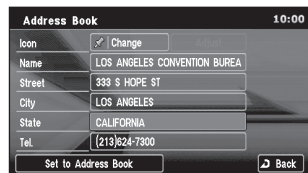
2 Touch [Address Book]



eng_a093

The information screen for the location to be stored is displayed.

3 Touch [Set to Address Book]



eng_a098

The displayed location is stored in the address book.

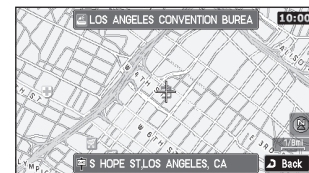
NOTE

- Stored information other than "State" can be edited. When editing an icon or name, perform in the same way as from "Editing a Location" (page 5-4).

From the Scroll Menu

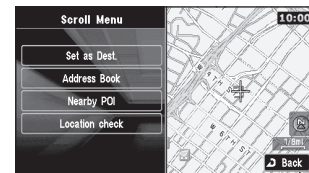
Storing a location from the scroll menu.

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



eng_a023

2 Touch [Address Book]

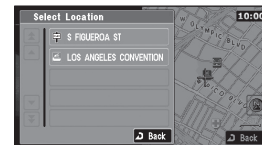


eng_a024-2

The information screen for the location to be stored is displayed.

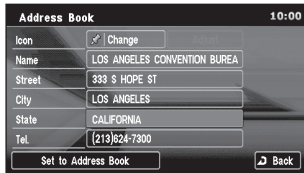
NOTE

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



eng_a127

3 Touch [Set to Address Book]



eng_a098

The displayed location is stored in the address book.

NOTE

- Stored information other than “State” can be edited. When editing an icon or name, perform in the same way as from “*Editing a Location*” (page 5-4).

To Customize/Modify Address

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.
>>> “Icons” (page 5-3)

[Adjust] A stored location can be changed to a different location. If location was stored from “Scroll Menu” (page 2-3), 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.

State The name of the state of the currently stored location is displayed. This cannot be edited.

Tel. A telephone number can be input.

NOTE

- Refer to “*Editing a Location*” (page 5-4) for details on editing information.

When Storing Your Home

Storing the home location.

1 Display the Navi Menu and touch [Go Home]



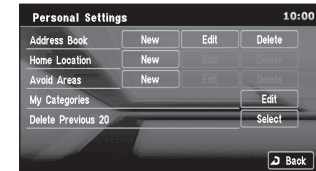
eng_a502-2

2 Touch [Yes]



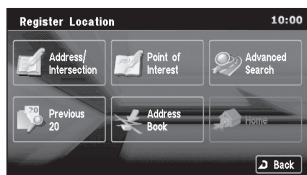
eng_a037

3 Touch [New] of “Home Location”



eng_a128-1

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



eng_a129-2

Refer to the following pages to search for the location.

>>> [Address/Intersection] (page 3-2)

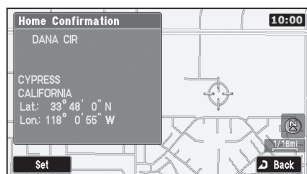
>>> [Point of Interest] (page 3-5)

>>> [Advanced Search] (page 3-8)

>>> [Previous 20] (page 3-7)

>>> [Address Book] (page 3-7)

5 Touch [Set]



eng_a130

6 Touch each item to input information



eng_a131

NOTE

- Touch [Edit] of "Home Location" in "Personal Settings" (page 10-16) to change home information.
- Touch [Delete] of "Home Location" in "Personal Settings" (page 10-16) to delete the home location.

7 Touch [Set as Home]



The storing of the home location is completed.

Icons

25 icon types can be set for the stored location; the 24 types shown below and "HOME".

HOME 



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.

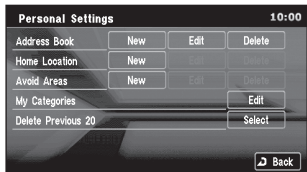
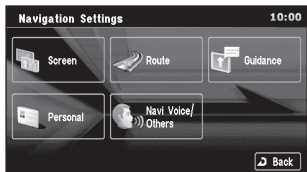
Editing a Location

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

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



2 Touch [Personal]



The personal settings screen is displayed.

NOTE

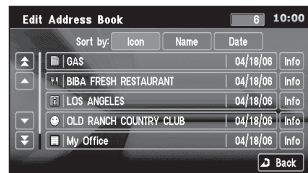
- Touch [New] of "Address Book" to create a new location to store. Store using the same operations as "Storing a New Location" (page 5-1).

Editing

Editing information about a stored location.

1 Touch [Edit] of "Address Book" in the Personal Settings screen

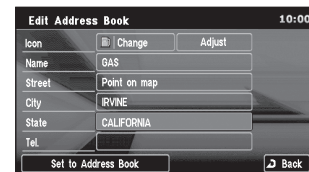
2 Touch the stored location to change



NOTE

- Touch [Icon] to order the locations in icon sequence. Refer to "Icons" (page 5-3) 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.

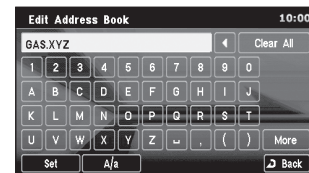
3 Touch the item to change



NOTE

- Refer to "To Customize/Modify Address" (page 5-2) for details on the items to change.

4 Touch [Set] after changing the item



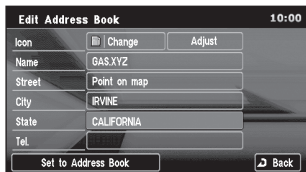
Repeat steps 3 and 4 until all the desired items have been changed.

NOTE

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



5 Touch [Set to Address Book]



eng_a136

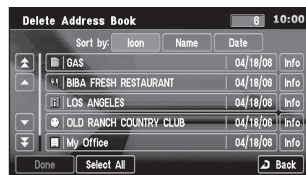
The information change is completed.

Deleting

Deleting a stored location.

1 Touch [Delete] of “Address Book” in the Personal Settings screen

2 Touch the stored location to delete

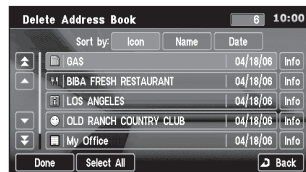


eng_a137

NOTE

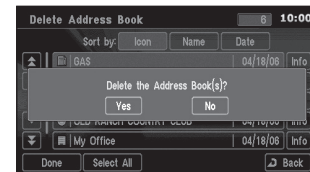
- The stored locations targeted for deletion are displayed with a black highlight.
Touch a location again to remove it from the deletion target.
- Multiple locations can be selected at the same time.
- Touch [Select All] to delete all stored locations at the same time.

3 Touch [Done]



eng_a138

4 Touch [Yes]



eng_a139

The selected stored locations are deleted.

Audio

Audio Functions

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

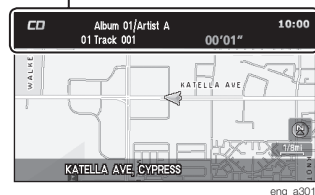
NOTE

- 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.

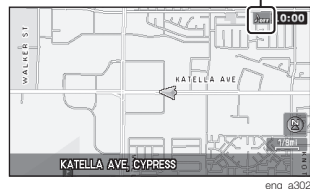
Displaying during Navi Functions

If A/V operations are performed while the navi screen is displayed, "Source plate", which describes the audio playback status is displayed, and after a moment, "A/V icon" is displayed.

Source Plate



A/V Icon



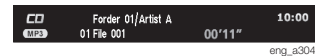
Source Plate

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

Music CD Playback



MP3 Playback



WMA Playback



Music Server Playback



Receiving FM



Receiving AM



Receiving SIRIUS



eng_a430

DVD Playback



eng_a308

During Video Entertainment System Playback



eng_a455

A/V Icon

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

NOTE

- In [System Settings], [A/V Icons on Map] can be turned [ON] and [OFF].
>>> "System Settings" (page 10-4)

Common in A/V



Audio OFF



Recording CD

Receiving AM/FM



Receiving normally



Auto Select Mode ON



Error occurred

Receiving SIRIUS



Receiving normally



Error occurred

DVDs



Playing



Paused



Stopped



Error occurred

Music CDs



Playing



Error occurred

MP3/WMA's



Playing



Error occurred

Music Servers



Playing



Error occurred

AUXs



Playing

Video Entertainment System



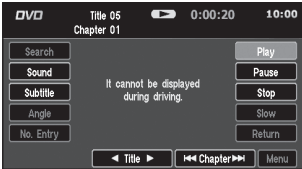
Video Entertainment System ON



Error occurred

Operation Limits while Driving

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



eng_a309

Switching to Audio Screen

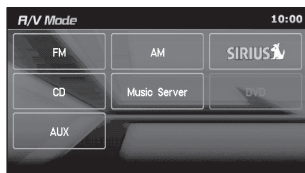
Audio screens for all media are displayed from the Navi screen.

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



eng_a310



eng_a313

NOTE

- If the [PWR] key or [AUDIO] key is pressed when the audio has been turned OFF, the A/V screen from before the audio was turned OFF is displayed.

Ending Audio

1 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.

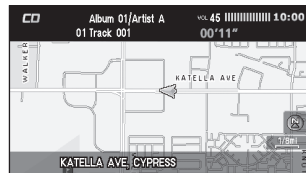
Adjusting the Volume

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.

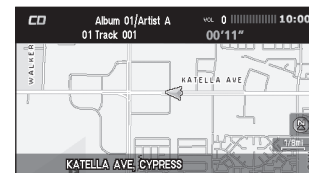
1 Press the [VOL +] key



eng_a311

The volume is increased.

2 Press the [VOL -] key



eng_a312

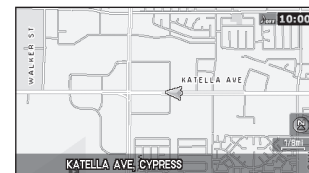
The volume is decreased.

Displaying the Navi Screen

1 Press the [NAVI] key



eng_a313



eng_a302

The current location screen is displayed.

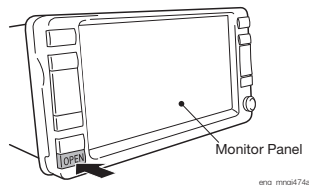
Disk Handling

Inserting and Removing Disks

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

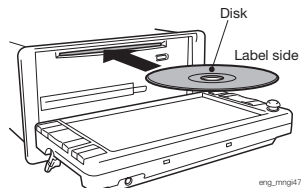
Inserting a disk

1 Press the [OPEN] key



Slide open the monitor panel to reveal the disk slot.

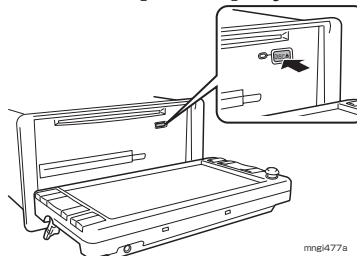
2 Insert a disk



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 [DISC] 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.
- 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.

Handling Precautions

- If the disk signal surface is contaminated with fingerprints or other dirt, the disk may become unreadable. When holding a disk, do not touch the signal surface. Gently pinch both edges of the disk, or hold by the center hole and one edge.
- Do not affix paper or stickers to the disk, or scratch the disk.
- Do not force a disk into the disk slot while another disk is already inserted. This may scratch or damage the disks.

Maintenance

- Periodically clean the disk signal surface. To clean, use a soft cloth to wipe gently from inside to outside, without rotating the disk.
- Check that there is no residue in the center hole and around the circumference of new disks. Using a disk with residue may cause malfunction, so use a ballpoint pen, etc., to clean away the residue.

Storage Precautions

- When not in use, make sure to return disks to their cases and store out of direct sunlight.
- If not using for a long time, make sure to remove from the device.

Disk Playback Environment

- Using disks in cold ambient temperatures immediately after turning on the vehicle heater may cause malfunction due to condensation (water droplets) forming on the optical parts of the device, or on the disk. In such cases, remove the disk and wait a while before use.
- Do not use 8-cm CD adapters. This may cause malfunction.

Copyright

- Unauthorized copying, distribution, public performance, or rental of disks is prohibited by law.
- This product uses copyright protection technology, and Macrovision and other copyright holders are protected by the patent laws of the United States and other intellectual property rights.
- Use of this copyright protection technology requires authorization from Macrovision. Further, without special authorization from Macrovision, use is restricted to the home and other private appreciation.

Types of Playable Disks

Playable DVDs

- DVD (12cm and 8cm)
- Disks with region codes “1” or “ALL”
- Disks recorded in NTSC format.



Playable CDs

- CDDA (12cm and 8cm direct)
- CD-TEXT (12cm and 8cm direct)
- CD-R/RW




NOTE

- Do not use cracked disks or bent disks.
- Playback of disks not described above cannot be assured.
- Abnormally shaped disks (heart-shaped, etc.), and disks that are partially transparent cannot be played.
- CD-R/RW disks that have not been finalized cannot be played.

Non-Standard CDs

CDs can be enjoyed using this device, but note carefully the following points concerning CD standards.

- Use disks conforming to the standards and with the logo  on the disk label.
- Playback of disks that do not conform to the CD standard cannot be assured. Further, even if the disk can be played, the sound quality cannot be assured.
- If playing disks that do not conform to CD standards, the following symptoms may occur.
 - White noise may be mixed in during playback. Further, the sounds may also jump.
 - The disk is not recognized.
 - Track 1 is not played.
 - Longer time than usual is taken to find the start.
 - Playback starts from the middle of a track.
 - Some parts are unplayable.
 - The disk freezes during playback.
 - The display is incorrect.

Meaning of the Logos on DVDs

Region Codes

- Regional playback limitations are set in DVDs. Regional playback limitations are expressed as region codes, and videos can be played only in the region shown.
- The North American region code is “1”, and DVDs labeled with region code “1” or “ALL” can be played on this device.
- Products displaying the following logos on the DVD package are playable.



Package Logos

The meanings of the logos displayed on packages are as follows:



Region code (Describes the region where playback is possible)



Describes the number of angles that can be played.



Describes the number of languages that can be displayed as subtitles.



Describes the number of languages that can be played.

MP3/WMA Files

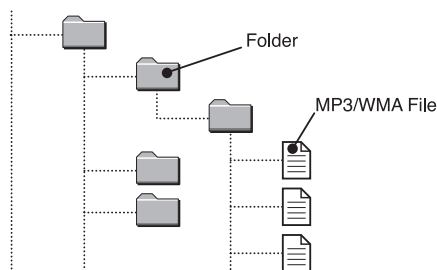
Files in MP3/WMA format written to CD-ROM and CD-R/RW disks can be played on this device. The files and media that can be used are limited, so before writing files in MP3/WMA format to disk, read the following carefully. Further, also make sure to read thoroughly the user manuals to ensure the correct use of your CD-R/RW drives and recoding software. Data such as title information, etc., is stored in the MP3/WMA file, and can be displayed.

NOTE

- Distribution of disks or files written (i.e., copied) from music CDs to others, and uploading to internet servers, etc., is illegal whether paid or free of charge, so do not do so.
- Do not add “.mp3/.wma” extensions to files other than MP3/WMA files. Playing disks to which these files have been written causes misidentification for playback, so intense white noise occurs that may damage the speakers.
- Depending on the recorder and the recording software used to write to the disk, correct playback may not be possible. In this case, refer to the user manuals for the devices and software used.
- Depending on the PC OS type, version, software, and settings, it may not be possible to add extensions. In this case, (if it is an MP3/WMA file) add the “.mp3/.wma” extension to the end of the file before writing to disk.
- Disks with a mixture of files in MP3 format and WMA format can be played.
- Where the disk is a mixture of audio tracks and files in MP3/WMA format, only the files in MP3/WMA format are played.

Folder Configurations

Up to eight levels of folder can be identified. Tracks can be managed by creating levels such as genreartistalbumtrack (MP3/WMA file).



MP3s

MP3 is an abbreviation of “MPEG-1AudioLayer3”. MPEG is an abbreviation of “Motion Pictures Experts Group”, and is the video compression standard used for video CDs, etc. MP3 is an audio compression format included in the MPEG audio standards, and enables files with a small amount of data to be created with high quality audio by processing inaudible sounds that have been buried in loud noise, as well as sounds in ranges inaudible to the human ear. The data on a music CD can be compressed to approximately 1/10th of its original size with almost no loss of sound quality, so it is possible to write approximately the contents of 10 music CDs to one CD-R/RW.

Playable MP3 File Standards

The specifications for playable MP3 files are as follows:

Item		Details
Standards		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
VBR (Variable Bit Rate)		Compatible
Multi-session		Compatible
Channel mode		Stereo, joint stereo, dual channel, and monaural
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.)
ID3Tag		Ver.1.0 and Ver.1.1

* MP3 files written using standards other than those described above may not be playable correctly, and the file names and folder names, etc., may not be displayed correctly.

WMA

WMA is an abbreviation for Windows Media Audio and is an audio compression format from Microsoft Corporation. This format compresses data using a higher compression ratio than MP3.

* Microsoft and Windows Media are registered trademarks of Microsoft Corporation in America and other countries.

NOTE

- WMA supports copyright protection functions (DRM), so WMA files that are protected by copyright cannot be played on this audio system.

Playable WMA File Standards

The specifications for playable WMA files are as follows:

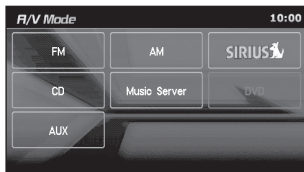
Item	Details
Standards	Windows Media Audio Version 7.0
Sampling frequency [Hz]	16k/22.05k/32k/44.1k/48k
Bit rate [kbps]	32/40/48/64/80/96/128/160/192
VBR (Variable Bit Rate)	Compatible
Multi-session	Compatible
Channel mode	Stereo and monaural
Max. number of levels	8 (including the root directory)
Max. number of folders	255 folders
Max. number of files	400 files (Total number on disk. Does not include other than MP3 or WMA files.)
WMA Tag	Titles, artist names, and album names

* WMA files written using standards other than those described above may not be playable correctly, and the file names and folder names, etc., may not be displayed correctly.

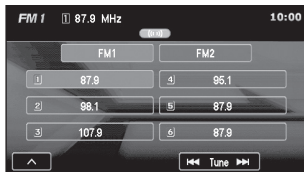
Listening to Radio

1 Press the [MODE] key

2 Touch [FM] or [AM]



eng_a310



eng_a431

Radio is received.

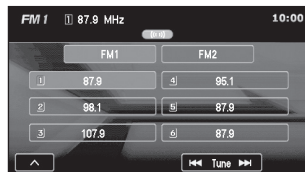
NOTE

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

Selecting Stations

1 Receive radio (page 6-9)

2 Touch either [◀◀ TUNE] or [TUNE ▶▶] to select the frequency



eng_a431

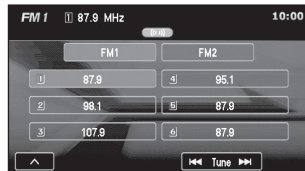
The frequency is changed by one step.
Touch and hold the touch panel button to select receivable frequencies automatically.

Scanning Broadcasting Stations

It is possible to search for broadcasting stations that can be received in the current location.

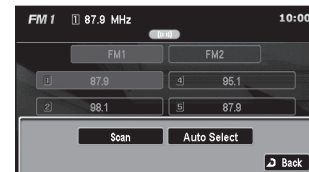
1 Receive radio (page 6-9)

2 Touch [^]

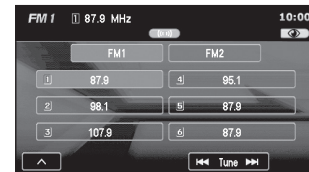


eng_a431

3 Touch [Scan]



eng_a432



eng_a433

The search for broadcasting stations that can be received starts automatically.
Broadcasting stations that can be received plays for 10 seconds only, and then the search resumes.

4 Press the [ENT] key

The scan is cancelled, and reception of the current broadcasting station is continued.

NOTE

- Even if [Scan] is touched again, the broadcasting station can continue to be received.

Storing Broadcast Stations

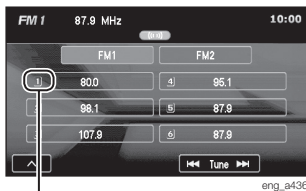
Manual Storage

Up to six broadcasting stations that are regularly listened to can be saved in FM1, another six in FM2, and another six in AM.

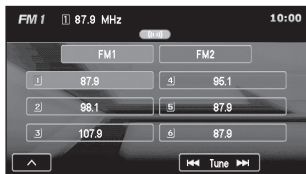
1 Dial the broadcasting station to be stored.

>>> "Selecting Stations" (page 6-9)

2 Touch and hold the desired preset number (i.e., the number under which the broadcast station is to be stored)



Preset number



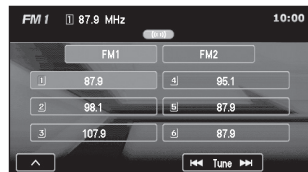
The broadcast station currently being received is stored using the preset number selected.

Auto Storage

Up to 12 FM stations and 6 AM stations can be stored automatically (auto select mode) if traveling to regions with different reception frequencies, while on a journey, etc. If auto select mode is canceled, reception is returned to the broadcast stations originally stored.

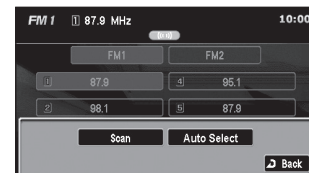
1 Receive radio (page 6-9)

2 Touch [^]

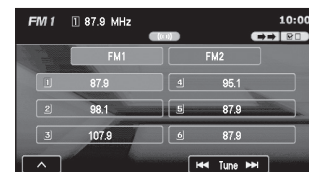


eng_a431

3 Touch [Auto Select]



eng_a432



eng_a435

The search for broadcasting stations that can be received starts automatically. When the search has been completed, a list of broadcast stations is displayed.

NOTE

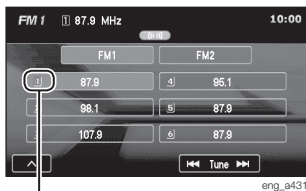
- If there are more stations with good reception quality than the number that can be stored, storage is not performed.
- Touch [Auto Select] again to cancel auto select.

Recalling Stored Stations

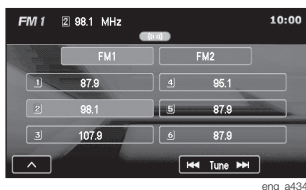
Broadcast stations that were previously stored can be recalled.

1 Receive radio (*page 6-9*)

2 Touch the preset number for the desired station



Preset number



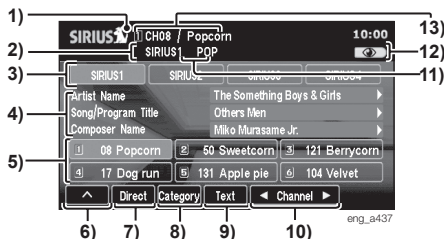
Reception of the stored broadcast station begins.

Listening to SIRIUS

Only for vehicles equipped with satellite radio (SIRIUS) tuner

Display Contents

Normal Reception Screen



1) Preset Number

If the channel being received has been preset, the preset number is displayed.

2) Band

Displays the band which is currently being listened to.

3) Band Switching Button

Touch this button to switch bands.

4) TEXT Display

Information about the current channel is displayed.

5) Preset Button

The preset number, channel number and channel name is displayed.

6) [^]

Touch this button to display the Sub Menu.

7) [Direct]

The channel number entered to the screen directly is displayed.

8) [Category]

The category screen is displayed.

9) [Text]

This switches the text display.

10) [◀ Channel], [Channel ▶]

Moves up and down one channel each time. Touch and hold one of these buttons to continuously change the channel. Release the button to stop on a channel.

11) Incoming Category Name

The name of the category being received is displayed.

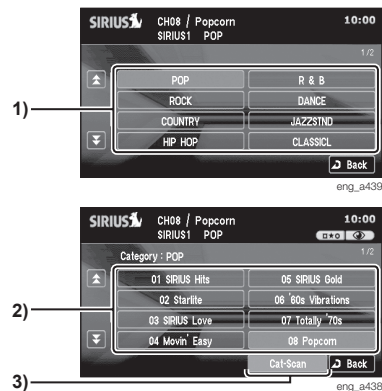
12) Playback Mode

The currently selected playback mode is displayed.

13) Incoming Channel and Incoming Channel Name

The channel and the name of the channel being received is displayed.

Category List and Channel List



1) Category List

This displays the category button. Touch the button to display the channel list.

2) Channel List

This displays the channel button. Touch the button to start receiving the relevant channel.

3) [CAT-Scan]

This scans the channels in the currently selected category.

SIRIUS Satellite Radio Inc. "SIRIUS" and related marks are trademarks of SIRIUS Satellite Radio Inc.

Selecting Stations

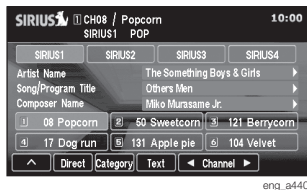
- 1 Press the [MODE] key, and touch [SIRIUS]



NOTE

- If SIRIUS has already been selected, the band is switched.

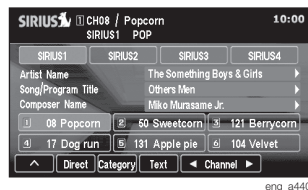
- 2 Touch either [◀ Channel] or [Channel ▶] to select the channel to be received



The channels is changed one channel at a time.
Touch and hold one of these buttons to continuously change the incoming channel. Release the button to stop on a channel.

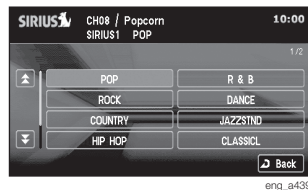
Selecting a Category to Be Received

- 1 Press the [MODE] key, and touch [SIRIUS]
- 2 Touch [Category]



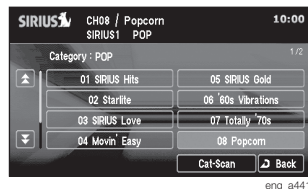
The category list is displayed.

- 3 Touch the category button



The list of channels within the selected category is displayed.

- 4 Touch the channel button



The relevant channel is started to be received.

Scanning

It is possible to search for channels that can be received in the current location.

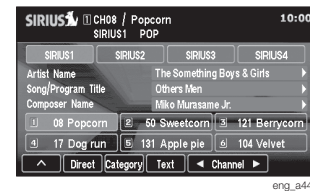
Scanning Channels

Scan all channels.

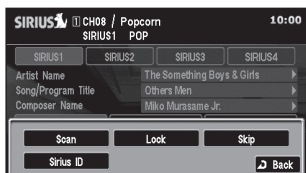
- 1 Press the [MODE] key, and touch [SIRIUS]



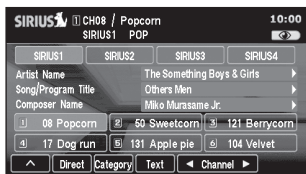
- 2 Touch [^]



2 Touch [Scan]



eng_a442



eng_a437

The search for channels that can be received is started automatically.

Channels that can be received play for 10 seconds only, and then the search resumes.

3 Press the [ENT] key

The scan is cancelled, and reception of the current channel is continued.

NOTE

- Even if [Scan] is touched again, the channel can continue to be received.

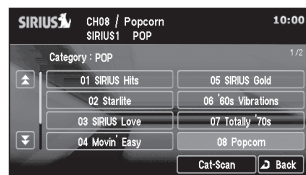
Scanning within Categories

Scan the channels in the currently selected category.

1 Display the channel list

>>> "Selecting a Category to Be Received" (page 6-13)

2 Touch [CAT-Scan]



eng_a441



eng_a438

The search for broadcasting stations that can be received within the category is started automatically.

Broadcast stations that can be received plays for 10 seconds only, and then the channel search resumes.

3 Press the [ENT] key

The scan is cancelled, and reception of the current channel is continued.

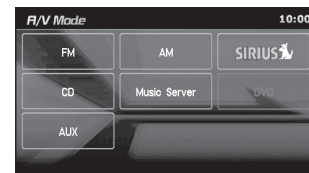
NOTE

- Even if [CAT-Scan] is touched again, the channel can continue to be received.

Selecting Channels Directly

Channels can be selected by entering the channel number directly.

1 Press the [MODE] key, and touch [SIRIUS]



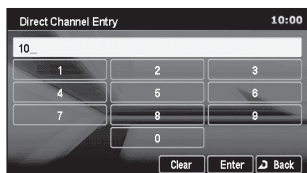
eng_a310

2 Touch [Direct]

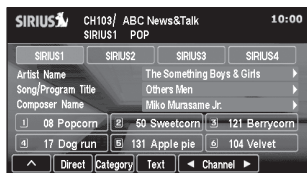


eng_a440

3 Enter the channel number, and touch [Enter]



eng_a444



eng_a445

The channel that has been entered starts receiving.

NOTE

- Touch [Clear] to delete the entered numbers one digit at a time.

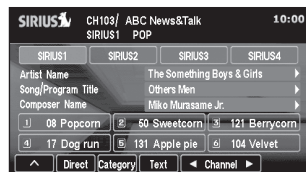
Storing Channels

Up to six channels can be stored in each band from [SIRIUS1] to [SIRIUS4].

1 Dial the broadcasting station to be stored

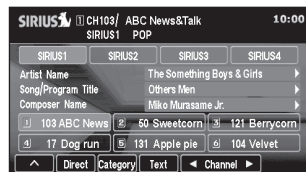
2 Dial the broadcasting station to be stored

>>> "Selecting Stations" (page 6-13)



eng_a446

3 Touch and hold the preset buttons to be stored



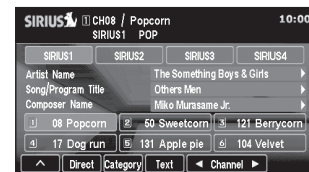
eng_a446

The channel currently being received is stored using the preset button selected.

Recalling Stored Channels

Channels that were previously registered can be recalled.

1 Touch the band for the desired channel displayed on the SIRIUS screen



eng_a447

2 Touch the preset button for the desired channel



eng_a447

Reception of the stored channel is started.

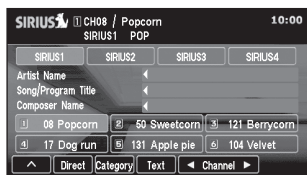
Switching TEXT Display

If the text for “Artist Name”, “Song/Program title”, and “Composer Name” cannot all fit on the first page, you can change the page to see the text. If there is no text to carry over, the second page will be blank.

1 Touch [Text]



eng_a440



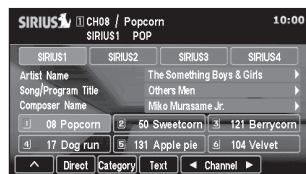
eng_a448

Shows the second page. Touching “Text” again returns to the first page.

Setting Channel Skipping

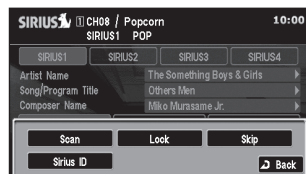
Channels set to be skipped are skipped without being selected when the channel up/down and scan operations are performed.

1 Touch [^]



eng_a440

2 Touch [Skip]



eng_a442

The category list is displayed.

3 Touch the category



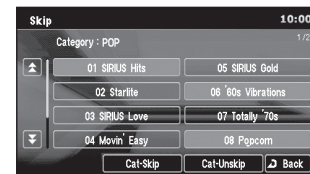
eng_a449

The list of channels within the selected category is displayed.

NOTE

- Touch [All Unskip] to cancel all skip settings.

4 Touch the channel to be skipped



eng_a451

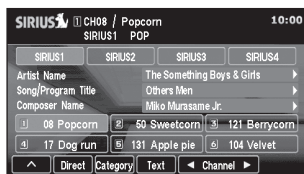
NOTE

- If a channel has been selected directly, the channel can be received without being skipped. “Skipping Channel”, however, which describes that the channel has been set to be skipped in the source plate, is displayed.

Parental Lock Channel

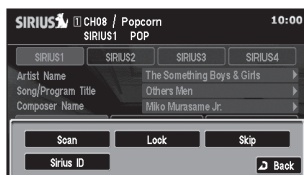
Channels set to limit listening are skipped without being selected when the channel up/down and scan operations are performed.

1 Touch [^]



eng_a440

2 Touch [Lock]



eng_a442

The password entry screen for restricted listening is displayed.

3 Enter the password, and touch [Enter]



eng_a423

The category list is displayed.

NOTE

- The default password set at the factory is "0000". Change the password as desired for use.
>>> "Changing the Passwords" (page 6-17)

4 Touch the category



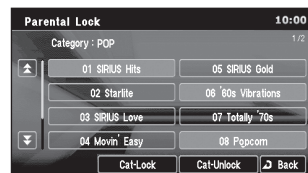
eng_a452

The list of channels within the selected category is displayed.

NOTE

- Touch [All Unlock] to cancel all listening restrictions.

5 Touch the channel to be locked (listening restricted)



eng_a453

NOTE

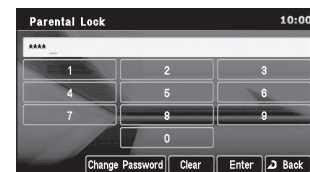
- If a channel has been selected directly, provided the password has been entered correctly, the listening restrictions will be canceled and the channel can be received.
- Touching [Cat-Lock] will apply listening restrictions to all channels in the selected category.
- Touching [Cat-Unlock] will cancel listening restrictions for all channels in the selected category.

Changing the Password

The set password can be changed.

1 Touch [Change Password] in the password entry screen

>>> "Parental Lock Channel" (page 6-17)



eng_a423

2 Enter the current password, and touch [Enter]

3 Enter the new password, and touch [Enter]

4 Enter the new password again for confirmation, and touch [Enter]

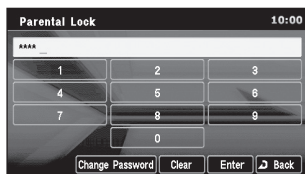
The password change is completed.

If You Have Forgotten the Password

If you have forgotten your password, clear the password, and reset as necessary. If the password is cleared, the password is returned to the default factory setting "0000".

1 Display the password entry screen

>>> "Parental Lock Channel" (page 6-17)



eng_a423

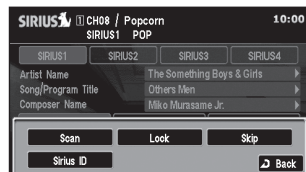
2 Touch [Clear] five times in succession without entering any characters

A message is displayed, and the password is cleared.

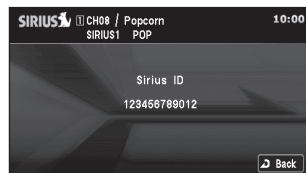
Displaying the SIRIUS ID

1 Touch [^]

2 Touch [SIRIUS ID]



eng_a442



eng_a454

The SIRIUS ID is displayed.

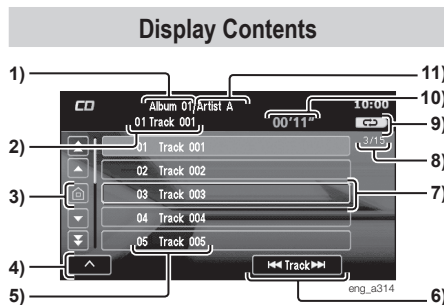
Listening to Music CDs

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 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.>>>"Obtaining Title Information" (page 6-25)
- 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.



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) [Image]

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

4) [Up]

Touch this button to display the Sub Menu.

5) Track Number and Track Name

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

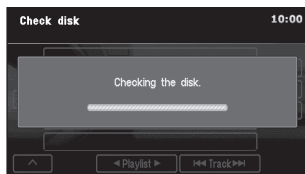
Playback

1 Insert a CD into the device

>>> "Inserting and Removing Disks" (page 6-4)

>>> "Switching to Audio Screen" (page 6-3)

Playback or recording is started automatically.



Track Selection

1 Touch either [◀◀ Track] or [Track ▶▶] to select the track



[◀◀ 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

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 [^]



2 Touch [Repeat]



The track currently being played is played repeatedly.

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.

The tracks on a CD are scanned for 10 seconds each.

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.
- Scan playback is disabled during recording.

Random Playback

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

1 Touch [^]



eng_a313

2 Touch [Random]



eng_a316



eng_a319

Tracks on the CD are played in random order.

NOTE

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

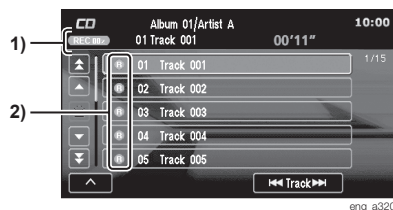
Recording to the Music Server

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



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

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.

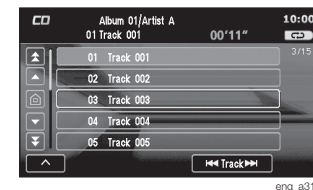
NOTE

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

Recording Settings

Set the music CD recording method.

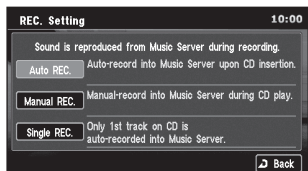
1 During music CD playback (page 6-19), touch [^]



2 Touch [REC. setting]



3 Touch one of the settings



eng_a321-2

4 Touch [Back]

The recording settings are completed.

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

>>> *"Auto Recording" (page 6-23)*

[Manual REC.] Tracks can be recorded individually during playback.

>>> *"Manual Recording" (page 6-23)*

[Single REC.] Only one track from the music CD is recorded.

>>> *"Single Recording" (page 6-23)*

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. >>> *"Recording Settings" (page 6-22)*

1 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

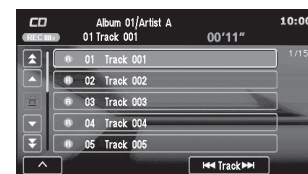
- Recording must have been set to [Manual REC.] in advance. >>> *"Recording Settings" (page 6-22)*

1 Play the music CD track to be recorded

2 Touch [REC. start]



eng_a316



eng_a320

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. >>> "Recording Settings" (page 6-22)

1 Play the music CD to be recorded

2 Touch [REC. start]



eng_a316



eng_a322

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

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

1 During music CD recording (page 6-19), touch [^]



eng_a320

2 Touch [REC. stop]



eng_a323



eng_a443

Recording is stopped.

Obtaining Title Information

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

Gracenote Service

Company Outline

Music identification technology and related data information is supplied by Gracenote Service and the Gracenote 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 Database built into this device cannot assure 100% the contents of the data.

Patents and Trademarks

For patents and trademarks, refer to “Gracenote® Music Recognition ServiceSM” (page 1-12).

Updating Gracenote CDDB

The information on the HDD can be updated using the Gracenote CDDB version upgrade CD (disk).

NOTE

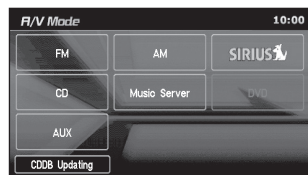
- Do not remove the disk or turn OFF the engine while the update is in progress.
- Unless the disk is inserted, [CDDB Updating] is not displayed.
- The update takes approximately five minutes.

1 Insert a disk

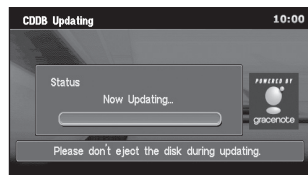
>>> “Inserting and Removing Disks” (page 6-4)

2 Press the [MODE] key

3 Touch [CDDB Updating]



eng_a324



eng_a325

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 canceled, perform update again from the start.

Obtaining Title Information

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.

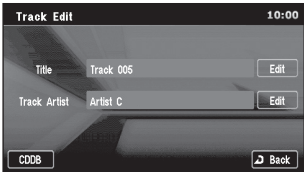
The information that can be obtained is the album title, album artist, track title, track artist, and genre.

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 [CDDb] in the playlist or track edit screen

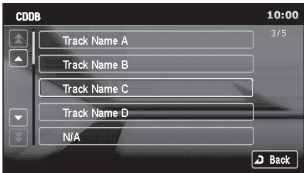
>>> "Editing Detailed Information" (page 7-17)



eng_a326

If the title information could be obtained, the title candidate selection screen is displayed.

2 Touch the titles to be selected for storage



eng_a428

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.

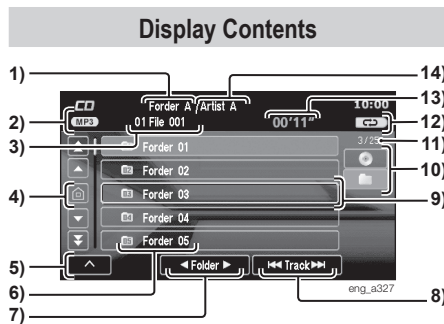
>>> "Changing Titles" (page 7-18)

Listening to MP3/WMA Disks

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.
>>> "MP3/WMA Files" (page 6-7)



1) Album Name (Folder Name)

The name of the album (name of the folder) for the track currently being played is displayed.

2) MP3/WMA symbol

Describes the type of media currently being played.

3) Track Number and Track Name

The number and name of the track currently being played is displayed.

4) [HOME]

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

5) [^]

Touch this button to display the Sub Menu.

6) Folder Number/Folder Name

With track lists, the track number and file name (excluding the extension) is displayed.

7) [◀ Folder] and [Folder ▶]

Touch these buttons to move down and up the folders.

8) [I◀◀ Track] and [Track ▶▶]

Touch these buttons to move down and up the tracks. Touch and hold to rewind or fast-forward a track.

9) Cursor

Displays the item currently selected.

10) Folder Layer Button

Touch this button to display the list of upper layer folders.

11) Cursor Position

Shows cursor position and total number of folders or tracks at current level.

12) Playback Mode

The currently selected playback mode is displayed.

13) Playback Time

The playback time for the track currently being played is displayed.

14) Artist Name

The name of the artist whose track (folder) is currently being played is displayed.

Basic Operations

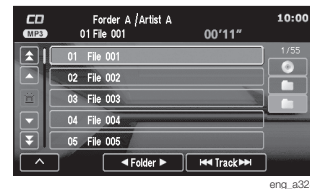
Playback

1 Insert an MP3/WMA disk into the device

>>> "Inserting and Removing Disks" (page 6-4)

>>> "Switching to Audio Screen" (page 6-3)

Playback is started automatically.



Moving Folders

Folders can be moved by one layer at a time.

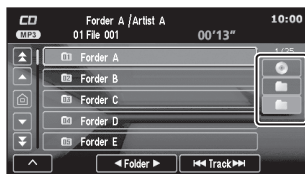
1 Touch the folder name



eng_a329

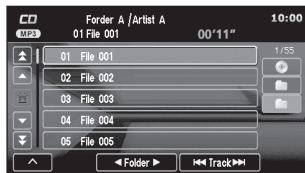
Each time a folder name is touched, the lower layer folder list is displayed, and the folder layer mark is increased.

2 Touch the folder layer button



eng_a330

Folder layer button

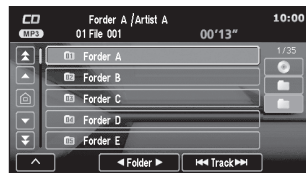


eng_a328

The selected folder list is displayed.

Track Selection

1 Touch either [◀Folder] and [Folder▶], or [◀◀Track] and [Track▶▶]



eng_a330

[◀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

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

Repeat Playback

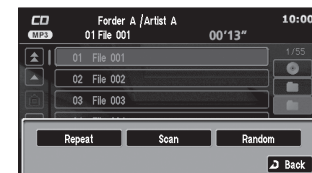
The track currently being played can be listened to repeatedly.

1 Touch [^]



eng_a328

2 Touch [Repeat]

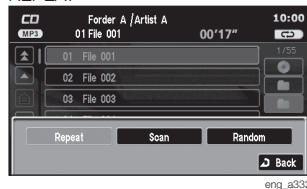


eng_a331

The track currently being played is played repeatedly.

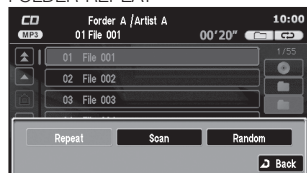
3 Touch [Repeat] again

REPEAT



eng_a332

FOLDER-REPEAT



eng_a333

Each time [Repeat] is touched, the playback mode changes.

REPEAT	The track currently being played plays repeatedly.
FOLDER-REPEAT	All tracks in the folder currently being played play repeatedly.
(OFF)	Cancels the repeat playback.

Scan Playback

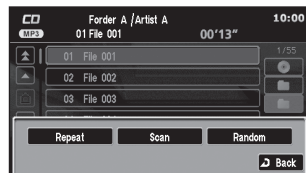
The start of each track is played for approximately 10 seconds each. Use to find a desired track.

1 Touch [^]



eng_a328

2 Touch [Scan]

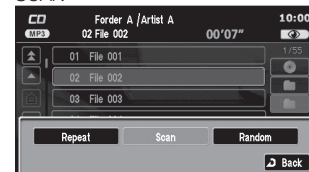


eng_a331

Scan playback is started.

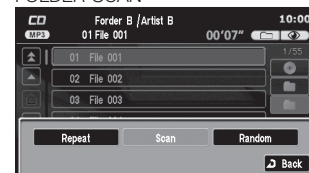
3 Touch [Scan] again

SCAN



eng_a334

FOLDER-SCAN



eng_a335

Each time [Scan] is touched, the playback mode changes.

SCAN	Performs scan playback on all the tracks in the folder currently being played.
FOLDER-SCAN	Performs scan playback on the first track in all the folders on the disk.
(OFF)	Cancels the scan playback.

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

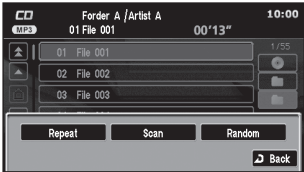
The track order can be changed and played randomly on the MP3/WMA disk currently being played.

1 Touch [^]



eng_a328

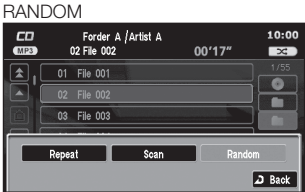
2 Touch [Random]



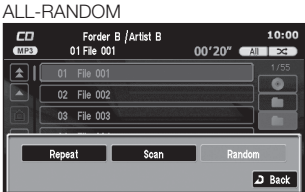
eng_a331

Random playback is started.

3 Touch [Random] again



eng_a336



eng_a337

Each time [Random] is touched, the playback mode changes.

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

ALL-RANDOM Performs random playback on all the tracks on the disk.

(OFF) Cancels the random playback.

Music Server

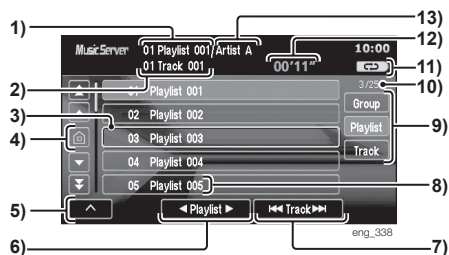
Music Server

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



1) Playlist Number/Playlist Name

The number and name of the playlist currently being played is displayed.

2) Track Number and Track Name

The number and name of the track currently being played is displayed.

3) Cursor

Displays the item currently selected.

4) []

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

5) [^]

Touch this button to display the Sub Menu.

6) [◀ Playlist], [Playlist ▶]

Touch these buttons to move down and up the playlists.

7) [◀◀ Track], [Track ▶▶]

Touch these buttons to move down and up the tracks. Touch and hold to rewind or fast-forward a track.

8) Number/Title

Group lists: Group number and group name
Playlists: Playlist number and playlist name
Track lists: Track number and track name

9) List Button

Touch this button to display the group list, playlist, and track list.

10) 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

11) Playback Mode

The currently selected playback mode is displayed.

12) Playback Time

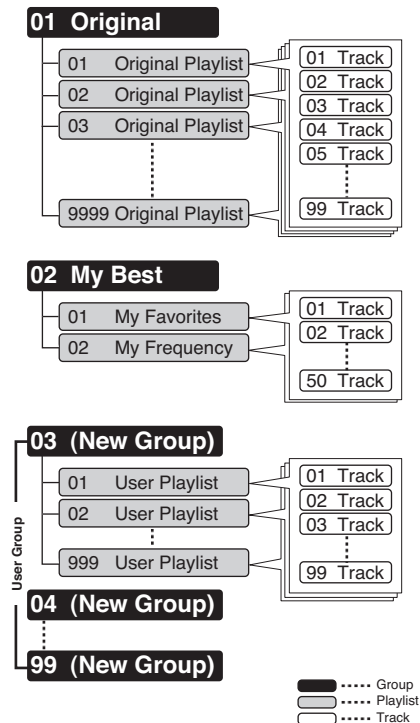
The playback time for the track currently being played is displayed.

13) Artist Name

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

Configuration

Music Server



Group

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 Favorites” 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

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 Favorites

- The location where favorite 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.

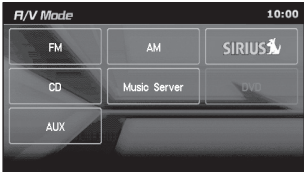
User Playlist

- The playlist to which favorite 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.

Basic Operations

Playback

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



eng_a310



eng_a339

The music server screen is displayed, and playback starts automatically.

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

1 Touch [◀ Playlist] and [Playlist ▶] or [◀◀ Track] and [Track ▶▶] to select the track



eng_a339

-
- [◀ 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]



eng_a340

The group list is displayed.

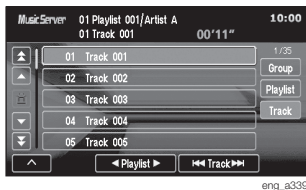
2 Touch [Playlist]



eng_a341

The list of playlists is displayed.

3 Touch [Track]



eng_a339

The list of tracks is displayed.

NOTE

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

Changing the Playback Mode

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 [^]



eng_a339

2 Touch [Repeat]



eng_a342

The track currently being played plays repeatedly.

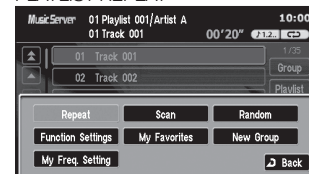
3 Touch [Repeat] again

REPEAT



eng_a343

PLAYLIST-REPEAT



eng_a344

Each time [Repeat] is touched, the playback mode changes.

REPEAT The track currently being played plays repeatedly.

PLAYLIST-REPEAT All tracks in the playlist currently being played play repeatedly.

(OFF) Cancels the repeat playback.

Scan Playback

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

1 Touch [^]

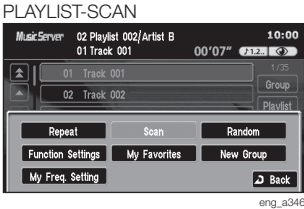
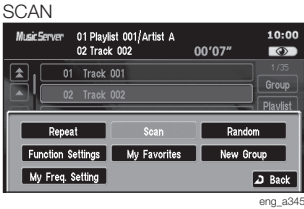


2 Touch [Scan]



Scan playback is started.

3 Touch [Scan] again



Each time [Scan] is touched, the playback mode changes.

SCAN	Performs scan playback on all the tracks in the playlist currently being played.
PLAYLIST-SCAN	Performs scan playback of the first track in all playlists in the group currently being played.
(OFF)	Cancels the scan playback.

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.

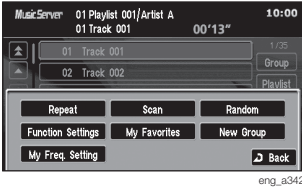
Random Playback

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

1 Touch [^]



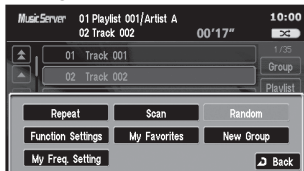
2 Touch [Random]



Random playback is started.

3 Touch [Random] again

RANDOM



eng_a347



PLAYLIST-RANDOM



eng_a348

Each time [Random] is touched, the playback mode changes.


RANDOM	Performs random playback on all the tracks in the playlist currently being played.
PLAYLIST-RANDOM	Performs random playback of all the tracks in the [Original] group.
(OFF)	Cancels the random playback.

Searching for Desired Tracks

Selecting Tracks from the List Screen

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

NOTE

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

1 Touch [Group]



eng_a340

The group list is displayed.

2 Touch one of the groups



eng_a349

3 Touch [Playlist]



eng_a341

The list of playlists is displayed.

NOTE

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

4 Touch one of the playlists



eng_a350

5 Touch [Track]



eng_a339

The list screen of tracks is displayed.

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" (page 7-15).

6 Touch one of the track names



eng_a351

The track is played.

Searching Using the Search Function

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 playback, and playback period.

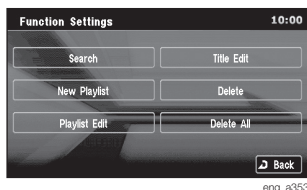
1 Touch [^]



2 Touch [Function Settings]

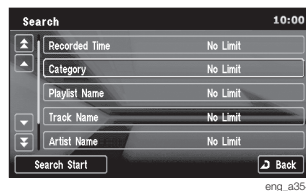


3 Touch [Search]

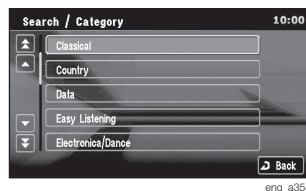


4 Touch the item to select

>>> "Table of Search Conditions" (page 7-10)

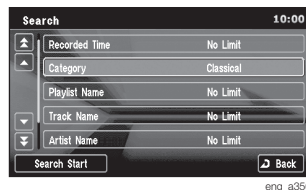


5 Touch one of the conditions



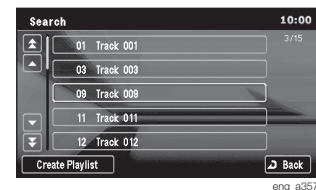
Repeat step 4 and step 5 above to specify the conditions.

6 Touch [Search Start]



A list of tracks that satisfy the search conditions are displayed.

7 Touch one of the track names



The track is played.

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.

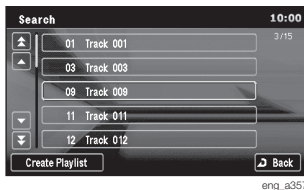
NOTE

- The playlists created here are all user playlists.
>>> "User Playlist" (page 7-2)

1 Search for tracks using the search function

>>> "Searching Using the Search Function" (page 7-8)

2 Touch [Create Playlist]



eng_a357

3 Touch the group to be used for storage



eng_a358

NOTE

- To select a group, a user group must be created beforehand.
>>> "Creating User Groups" (page 7-11)
- 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.
>>> "Changing Group Names" (page 7-18)

4 Enter the playlist title

>>> "How to Enter Text" (page 2-13)



eng_a359

NOTE

- The date has been entered as playlist name beforehand.

5 Touch [Set]



eng_a360

The search result tracks are registered to the newly-created playlist, and registered to the selected group.

Table of Search Conditions

The setting (default setting) immediately after purchase is “Not Specified”.

Item	Condition	Details
Recorded Time	[Not Specified]	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 6 Months]	Searches for tracks recorded within the past six months.
	[More Than 6 Months]	Searches for tracks recorded no earlier than the past six months.
	[Within a Year]	Searches for tracks recorded within the past year.
	[More Than a Year]	Searches for tracks recorded no earlier than the past year.
	[Within 3 Years]	Searches for tracks recorded within the past three years.
	[More Than 3 Years]	Searches for tracks recorded no earlier than the past three years.
Category	[Not Specified]	Excludes genre from the search conditions.
	[Category]	Searches for tracks in one relevant genre.
Playlist Name	[Not Specified]	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. >>> “How to Enter Text” (page 2-13)
	[Playlist Name]*1	Searches for tracks in one relevant playlist name.
Track Name	[Not Specified]	Excludes the track name from the search conditions.
	[Keyboard Input]	Enter part of the artist name using the character input screen to perform a search. >>> “How to Enter Text” (page 2-13)
	[Track Name]*1	Searches for tracks with the relevant track name(s).

Item	Condition	Details
Artist Name	[Not Specified]	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. >>> “How to Enter Text” (page 2-13)
	[Artist Name]*1	Searches for tracks with the relevant artist name(s).
Play Count	[Not Specified]	Excludes number of playback from the search conditions.
	[Not Played]	Searches for tracks that have never been played.
	[Played 1 - 5 Times]	Searches for tracks that have been played one to five times in the past.
	[Played 6 Times or More]	Searches for tracks that have been played six or more times in the past.
Played Time	[Not Specified]	Excludes the playback period from the search conditions.
	[Within 6 Months]	Searches for tracks played within the past six months.
	[More Than 6 Months]	Searches for tracks played at least six months ago.
	[Within a Year]	Searches for tracks played within the past year.
	[More Than a Year]	Searches for tracks played more than a year ago.
	[Within 3 Years]	Searches for tracks played within the past three years.
	[More Than 3 Years]	Searches for tracks played more than three years ago.

*1 If a name is not registered in the title information (page 6-25), the name is not displayed in the conditions list.

Editing User Groups

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

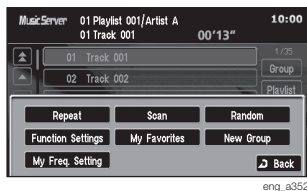
Creating User Groups

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

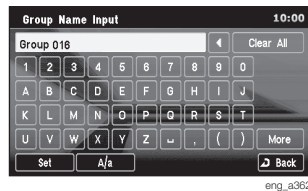
>>> "How to Enter Text" (page 2-13)



NOTE

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

4 Touch [Set]



The group is registered to the list.

Creating User Playlists

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

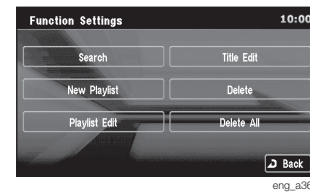
1 Touch [^]



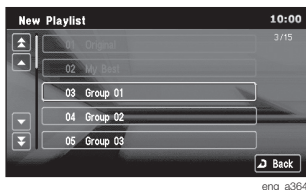
2 Touch [Function Settings]



3 Touch [New Playlist]



4 Touch the group to be used for storage

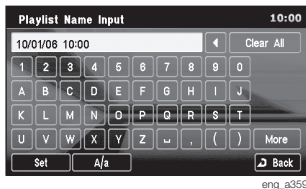


NOTE

- 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 be created beforehand. >>> "Creating User Groups" (page 7-11)
- Group names can be edited.
>>> "Changing Group Names" (page 7-18)

5 Enter the name of the new playlist

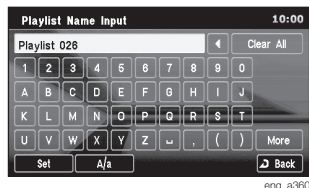
>>> "How to Enter Text" (page 2-13)



NOTE

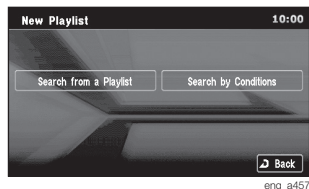
- The current date is automatically assigned as the playlist name until you enter a different name.

6 Touch [Set]



7 Touch [Search from a Playlist] or [Search by Conditions]

Select the search method for the tracks stored in the newly-created playlists.



>>> Continues in "Search from a Playlist" (page 7-12)

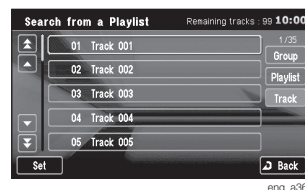
>>> Continues in "Search by Conditions" (page 7-13)

Search from a Playlist

1 Touch the playlist containing the tracks to be searched



2 Touch the track to be stored



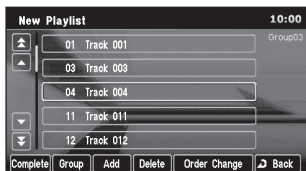
NOTE

- 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 canceled.
- A maximum of 99 tracks can be registered.

3 Touch [Set]



4 Touch [Complete]



eng_a369

The playback screen is displayed.

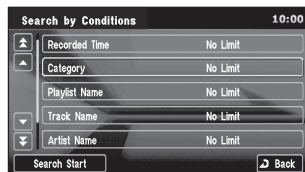
NOTE

- Touch [Group] to change the group name. >>> *"Changing Group Names" (page 7-18)*
- Touch [Add] to add tracks to the newly-created playlist. The operations are the same as from step 7 of *"Creating User Playlists" (page 7-11)*
- Touch [Delete] to select and delete a stored track. >>> *"Deleting One Item" (page 7-23)*
- Touch [Order Change] to change the track playback order. >>> *"Changing the Track Playback Order" (page 7-22)*

Search by Conditions

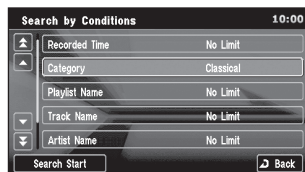
1 Specify the conditions

>>> *"Searching Using the Search Function" (page 7-8)*



eng_a458

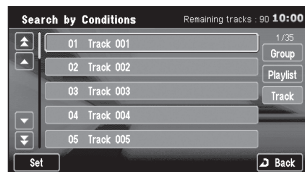
2 Touch [Search Start]



eng_a459

The search start using the specified conditions.

3 Touch [Set]



eng_a371

NOTE

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

4 Touch [Complete]



eng_a369

Registration is completed.

NOTE

- Touch [Group] to change the group name. >>> *"Changing Group Names" (page 7-18)*
- Touch [Add] to add tracks to the newly-created playlist. The operations are the same as from step 7 of *"Creating User Playlists" (page 7-11)*
- Touch [Delete] to select and delete a stored track. >>> *"Deleting One Item" (page 7-23)*
- Touch [Order Change] to change the track playback order. >>> *"Changing the Track Playback Order" (page 7-22)*

Adding Tracks to Playlists

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

1 Touch the user playlist to add a track



eng_a341

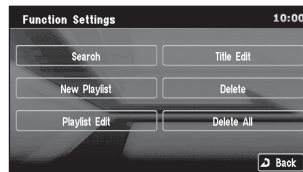
2 Touch [^]

3 Touch [Function Settings]



eng_a372

4 Touch [Playlist Edit]



eng_a363

5 Touch [Add Track]



eng_a373



eng_a365

The screen for selecting the track search method is displayed.

>>> Continues in "Search from a Playlist" (page 7-12)

>>> Continues in "Search by Conditions" (page 7-13)

Setting the “My Best” Group

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

Setting the “My Frequency” Conditions

The “My Frequency” search period can be set.

1 Touch [^]



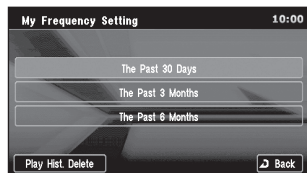
eng_a339

2 Touch [My Freq. Setting]



eng_a352

3 Touch the conditions to be set



eng_a374

The selected conditions are set.

“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.

>>> “Changing Titles” (page 7-18)

Deleting the Playback History

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

1 Touch [^]



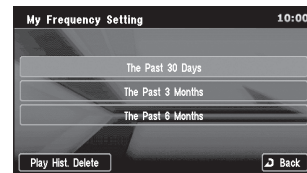
eng_a399

2 Touch [My Freq. Setting]



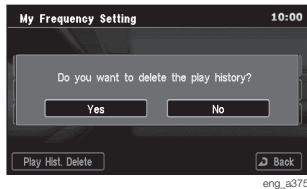
eng_a352

3 Touch [Play Hist. Delete]



eng_a374

4 Touch [Yes]



All histories of the tracks played in the past are deleted.

Adding to “My Favorites”

Favorite tracks can be added to “My Favorites” while being played by the Music Server.

1 Touch [^]



2 Touch [My Favorites]



3 Touch [Yes]



The track being played is added to the “My Favorites” playlist.

NOTE

- A maximum of 50 tracks can be registered to “My Favorites”.
- Track names can be edited, and the playback order changed or deleted.

>>> “Changing Titles” (page 7-18)

>>> “Changing the Track Playback Order” (page 7-22)

>>> “Deleting One Item” (page 7-23)

Editing Detailed Information

The information for registered playlists or tracks can be edited.

- NOTE**
- The “My Frequency” and “My Favorites” 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. >>>“Obtaining Title Information” (page 6-25)

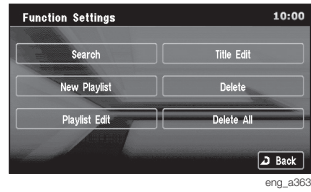
1 Touch [^]



2 Touch [Function Settings]

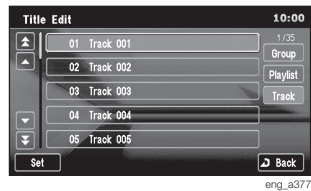


3 Touch [Title Edit]



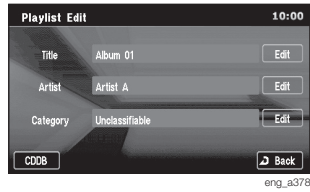
4 Touch the playlist name or track name to be edited

>>>“Selecting Tracks from the List Screen” (page 7-7)

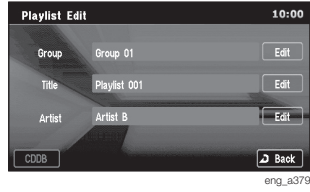


The edit screen is displayed.

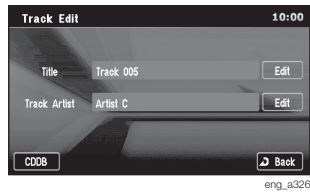
Original Playlist Edit Screen



User Playlist Edit Screen

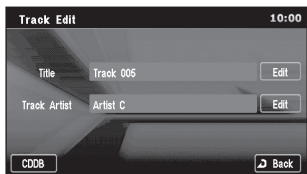


Track Edit Screen



Changing Titles

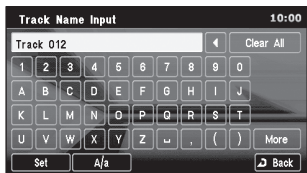
1 Touch [Edit] in “Title”



eng_a326

2 Enter the title.

>>> “How to Enter Text” (page 2-13)



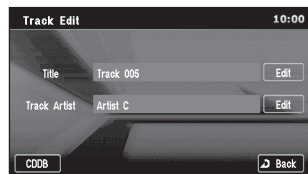
eng_a381

3 Touch [Set]

The title is changed.

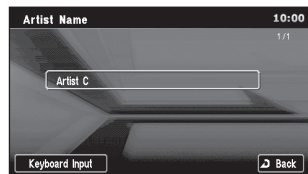
Changing Artist Names

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



eng_a326

2 Touch [Keyboard input]



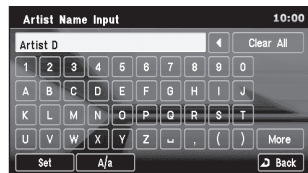
eng_a382

NOTE

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

3 Enter the artist name

>>> “How to Enter Text” (page 2-13)



eng_a383

4 Touch [Set]

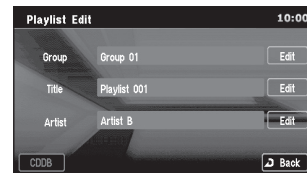
The artist name is changed.

Changing Group Names

NOTE

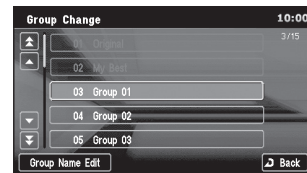
- Original playlists and My Best groups cannot be changed.

1 Touch [Edit] in “Group”



eng_a379

2 Touch [Group Name Edit]



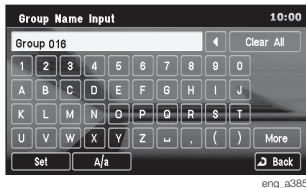
eng_a384

NOTE

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

3 Enter the group name

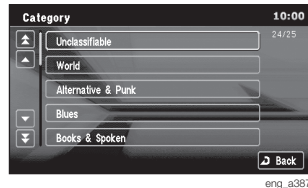
>>> "How to Enter Text" (page 2-13)

**4 Touch [Set]**

Group name is changed.

Changing Categories**NOTE**

- Categories can be changed for original playlists only.

1 Touch the [Edit] button in "Category"**2 Touch the category to be selected**

The category is changed.

Category Types

Alternative & Punk	Blues
Books & Spoken	Children's Music
Classical	Country
Date	Easy Listening
Electronic / 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

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.

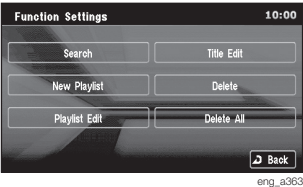
1 Touch [^]



2 Touch [Function Settings]



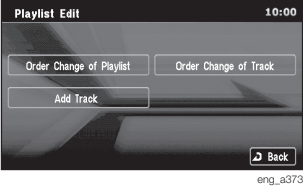
3 Touch [Playlist Edit]



>>> Continues in "Changing the Group Playback Order" (page 7-20)
>>> Continues in "Changing the Playlist Playback Order" (page 7-21)
>>> Continues in "Changing the Track Playback Order" (page 7-22)

Changing the Group Playback Order

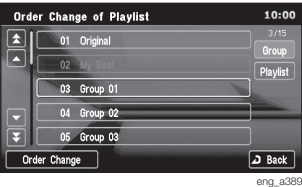
1 Touch [Order Change of Playlist]



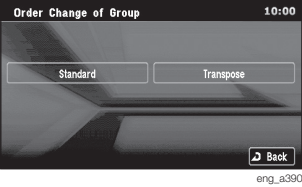
2 Touch [Group]



3 Touch [Order Change]



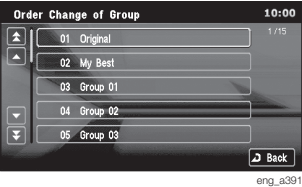
4 Touch [Transpose]



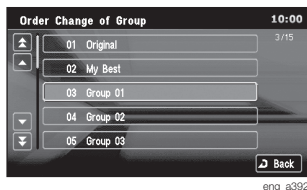
NOTE

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

5 Touch the group whose order is to be changed



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

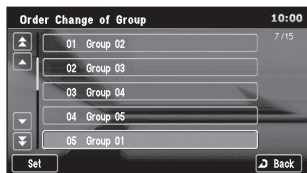


eng_a392

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]



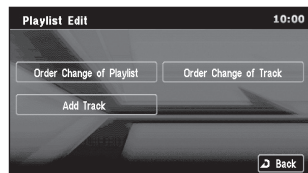
eng_a393

The playback order is changed.

Changing the Playlist Playback Order

Auto Changing

1 Touch [Order Change of Playlist]



eng_a373

2 Touch one of the conditions



eng_a388

The playback order is changed.

Playback Order Types

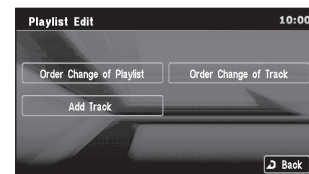
[Old Order of Recording] Changes to the old order at the time of recording.

[New Order of Changes order to from newest Recording] recording time.

[Order of Playlist Name] The order is changed to alphabetical order.

Manual Changing

1 Touch [Order Change of Playlist]



eng_a373

2 Touch [Transpose]



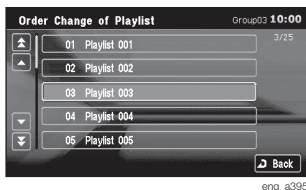
eng_a388

3 Touch the playlist whose order is to be changed



eng_a394

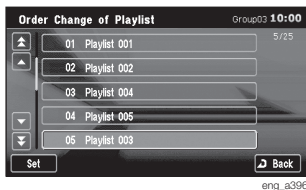
4 Touch [▲] and [▼] to move the position



NOTE

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

5 Touch [Set]



The playback order is changed.

Changing the Track Playback Order

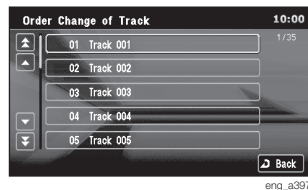
NOTE

- The playback order of original playlists and “My Frequency” cannot be changed.

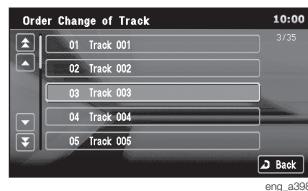
1 Touch [Order Change of Track]



2 Touch the track whose order is to be changed



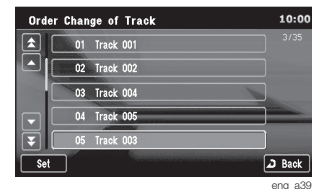
3 Touch [▲] and [▼] to move the position



NOTE

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

4 Touch [Set]



The playback order is changed.

Deleting

Deleting One Item

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

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 [^]



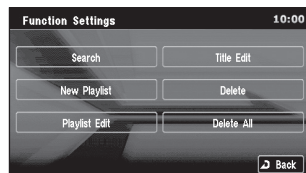
eng_a339

2 Touch [Function Settings]



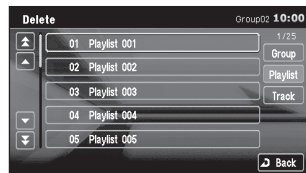
eng_a352

3 Touch [Delete]



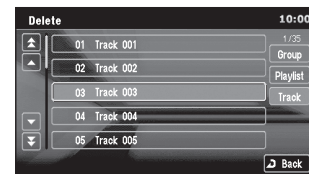
eng_a363

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



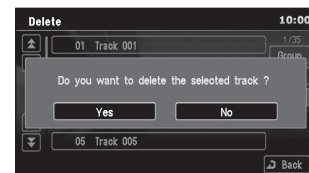
eng_a400

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



eng_a401

6 Touch [Yes]



eng_a402

The selected group, playlist, or track is deleted.

Deleting All Items

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 [^]



eng_a339

2 Touch [Function Settings]



eng_a352

3 Touch [Delete All]



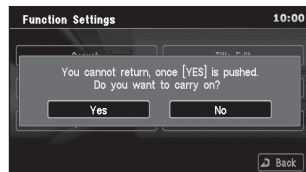
eng_a363

4 Touch [Yes]



eng_a403

5 Touch [Yes]



eng_a404

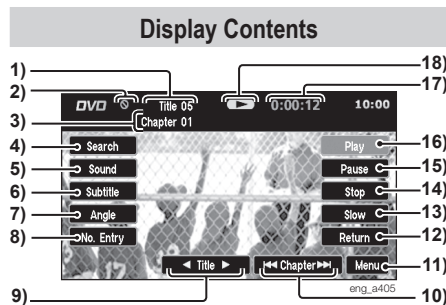
▼
All recorded tracks are deleted, and the device is restarted.

Watching DVDs

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.



1) Title number

The number of the title currently being played is displayed.

2) Prohibited operation symbol

Displayed when the requested operation cannot be performed.

3) Chapter number

The number of the chapter currently being played is displayed.

4) [Search]

Touch this button to select the chapter or title, or specify the number.

5) [Sound]

The sound language changes each time this button is touched.

6) [Subtitle]

The subtitle language changes each time this button is touched.

7) [Angle]

The angle changes each time this button is touched.

8) [No. Entry]

The title or chapter can be specified by entering a number after this button is touched.

9) [◀ Title] and [Title ▶]

Touch these buttons to move down and up the titles.

10) [◀◀ Chapter] and [Chapter ▶▶]

Touch these buttons to move down and up the chapters. Touch and hold to rewind or fast-forward.

11) [Menu]

Touch this button to display the DVD content title menu.

12) [Return]

Touch this button to play the specified range determined on the disk.

13) [Slow]

Touch this button to play in slow motion.

14) [Stop]

Touch this button to stop the playback.

15) [Pause]

Touch this button to pause the playback.

16) [Play]

Touch this button (when the playback is paused or during slow motion playback) to resume normal playback.

17) Playback Time

The playback time is displayed.

18) Playback Status

Displays the current playback status using symbols.
>>> "Playback Marks" (page 8-3)

Basic Operations

1 Insert a DVD into the device

>>> "Inserting and Removing Disks" (page 6-4)

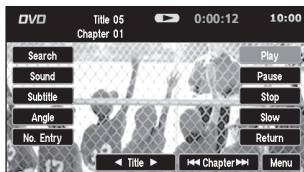
>>> "Switching to Audio Screen" (page 6-3)



eng_a406

The display is switched to DVD images automatically.

2 Touch the screen while the DVD is displayed



eng_a407

The operations menu screen is displayed.

Playback

1 Touch [Play]

This resumes playback from paused or slow motion playback.

Pausing

1 Touch [Pause]

The DVD playback is paused.

The image is stopped and frozen.

Stopping

1 Touch [Stop]

The DVD playback is stopped. The image disappears, and the blue back screen is displayed.



eng_a408

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

1 Touch and hold [◀◀ Chapter] or [Chapter ▶▶] during playback

When the button is released, the playback screen is displayed.

Selecting Chapters

1 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

1 Touch [◀ Title] or [Title ▶] during playback

Slow Motion Playback

1 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.

1 Touch [Return] during playback

NOTE

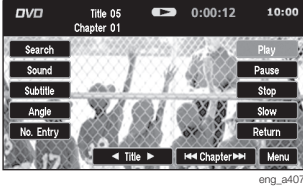
- Depending on the disk, return playback may not be possible.

Playback Marks

	Playing (Blinking when stopped for resume play)
	Stopped
	Paused
	Fast forwarding
	Rewinding
	Slow motion playback
"MENU"	DVD menu playing

Operations Menu

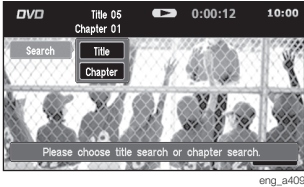
Touch the screen during DVD playback to enable the operations menu screen.



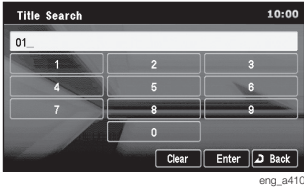
Playback Using Search

1 Touch [Search] in the operations menu screen

2 Touch [Title] or [Chapter]



3 Enter the number, and touch [Enter]



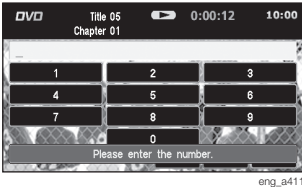
Playback is started from the specified title or chapter.

Playback Using Numerical Inputs

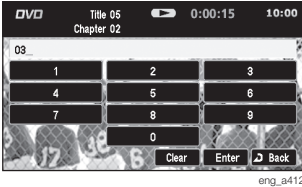
Playback can be selected by entering the number of the chapter or title.

1 Touch [No. Entry] in the operations menu screen

2 Touch the number of the desired chapter or title



3 Touch [Enter]



Playback is started from the specified title or chapter.

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.

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.

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.
>>> "Displaying Angle Marks" (page 8-7)

1 Touch [Angle] in the operations menu screen

2 Touch [Angle]



▼
The current angle is displayed.

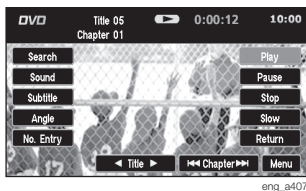
NOTE

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

Displaying DVD Menus

Display the menus recorded on the DVD.

1 Touch [Menu] in the operations menu screen



The menus are displayed.

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

If playable scenes have been restricted using “Viewing Restrictions” (page 8-8), 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.

1 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” (page 8-8) to enable playback without skipping the viewing-restricted scenes.

Displaying the Default Settings Menu

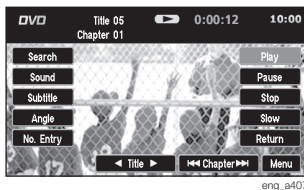
After setting the default settings, there is no need to change the subtitle settings, etc., each time during DVD playback.

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

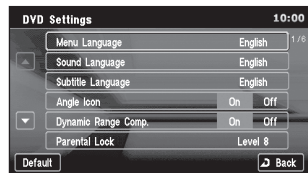
- With [Sound Language], [Subtitle Language], and [Menu Language], the language specified by the disk is played if the selected language is not available on the disk.

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



2 Touch the screen

3 Touch [DVD Settings]



The default settings menu is displayed.

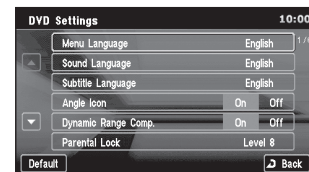
NOTE

- 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

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 (page 8-6)



The language settings screen is displayed.

2 Touch one of the languages



NOTE

- If the language you want to set is not in the list, touch [Others].

>>> [If "Others" Has Been Selected] (page 8-7)

The selected languages are set.

If "Others" Has Been Selected

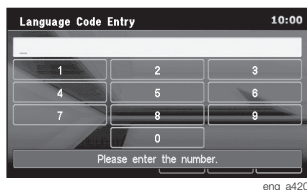
If the language that you want to set is not displayed in the menu languages, sound languages, or subtitles languages list, other languages are available.

1 Touch [Others] in the language settings screen (page 8-6)



2 Enter the desired language code

>>> see "Language Codes" (page 8-10)



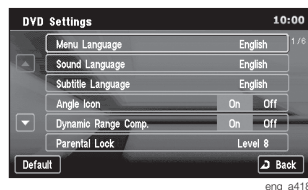
3 Touch [Enter]

The language corresponding to the language code entered is set.

Displaying Angle Marks

Set default settings for the angle mark display during playback on the multi-angle (page 8-4) screen.

1 Touch [Angle icon] in the default settings menu (page 8-6)



This turns [ON] and [OFF] the angle mark display.

NOTE

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

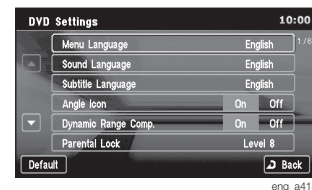
Audio Compression

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.

1 Touch [Dynamic Range Comp.] in the default settings menu (page 8-6)



This turns [ON] and [OFF] the audio compression.

Viewing Restrictions (Parental Lock)

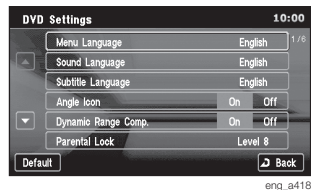
Depending on the disk, viewing of scenes that you do not want children to see (e.g., adult content and violent scenes) can be restricted.

NOTE

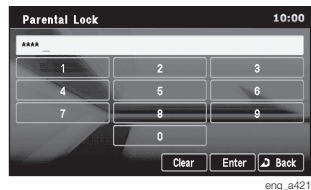
- Set a password when using for the first time. Viewing restrictions cannot be operated unless a password has been set.
- Disks that do not have the viewing control level on the disk package cannot be viewing-controlled, even if the level has been set.
- The viewing level is recorded to the disk. Check 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 (page 8-6)



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]



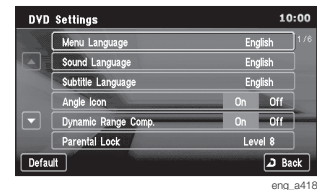
The password and viewing restrictions level settings are now complete.

Level 1	Only disks for children are played.
Level 2 to Level 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 (page 8-6)



2 Enter the stored password, and touch [Enter]



eng_a423

3 Enter the level, and touch [Enter]



eng_a422

The viewing restriction level change is completed.

Changing the Password

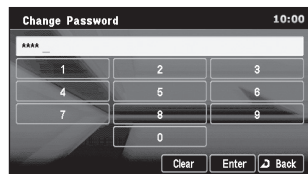
The set password can be changed.

1 Touch [Change Password] in the password entry screen (page 8-9)



eng_a424

2 Enter the current password, and touch [Enter]



eng_a425

3 Enter the new password, and touch [Enter]



eng_a425

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 (page 8-9)



eng_a424

2 Touch [Back] five times in succession without entering any characters

A message is displayed, and the password is cleared.

Language Codes	
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
Danish	6865
German	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

Language	Code
Irish	7165
Scots-Gaelic	7168
Galician	7176
Guarani	7178
Gujarati	7185
Hausa	7265
Hebrew	7269
Hindi	7273
Croatian	7282
Hungarian	7285
Armenian	7289
Interlingua	7365
Indonesian	7368
Interlingue	7369
Inupiak	7375
Icelandic	7383
Italian	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
Lingala	7678
Laotian	7679
Lithuanian	7684
Latvian	7686
Malagasy	7771
Maori	7773
Macedonian	7775
Malayalam	7776

Language	Code
Mongolian	7778
Moldavian	7779
Marathi	7782
Malay	7783
Maltese	7784
Burmese	7789
Nauru	7865
Nepali	7869
Dutch	7876
Norwegian	7879
Occitan	7967
Oromo	7977
Oriya	7982
Punjabi	8065
Polish	8076
Pashto	8083
Portuguese	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
Samoa	8377
Shona	8378
Somali	8379
Albanian	8381
Serbia	8382
Siswati	8383
Sesotho	8384

Language	Code
Sundanese	8385
Swedish	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
Wolof	8779
Xhosa	8872
Yiddish	8973
Yoruba	8979
Chinese	9072
Zulu	9085

AUX / Video Entertainment System

AUX

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

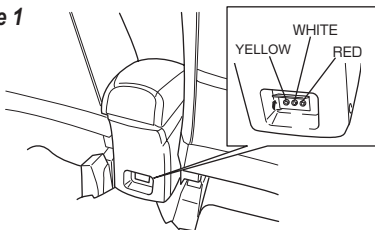
NOTE

- Images will not be shown while the car is moving.

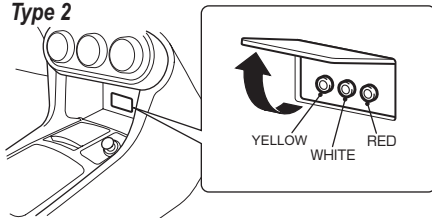
Connecting to Auxiliary Video connector (RCA)

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

Type 1



Type 2



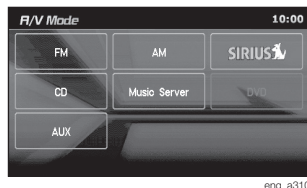
YELLOW: Video
WHITE: Audio (Left)
RED: Audio (Right)

Switching to Auxiliary Video connector (RCA)

Switching to Auxiliary Video connector (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 connector (RCA) will be shown.

NOTE

- When Auxiliary Video connector (RCA) is connected on the maker's option Video Entertainment System and the Video Entertainment System is switched on, [Rear-Display] will be shown.
- The connected video equipment cannot be operated with the MMCS.
- Depending on the connected video equipment, it may produce noise from the speakers.
- Use the connected video equipment's own power source, such as its battery. Noise may be produced from the speakers if the connected video equipment is used while charging it using the 12 V power outlets of the vehicle.
- Do not activate [AUX] when no video equipment is connected. Otherwise, noise may be produced from the speakers.
- Connect video equipment when [AUX] is deactivated or lower the vehicle's speaker volume before connecting it. Noise may be produced from the speakers if video equipment is connected after [AUX] is activated.
- For information on how to connect and operate the video equipment, refer to the owner's manual for the equipment.

Video Entertainment System

If upgraded to the manufacturer's optional Video Entertainment System, media being played in the Video Entertainment System can be played, or video device, etc. connected to the Video Entertainment System can be displayed.

NOTE

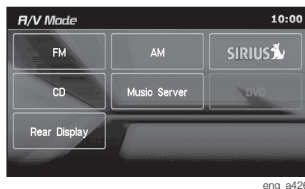
- While driving, DVD and other visual images cannot be played using the front seat monitor.
- This operation is not possible if no Video Entertainment System has been connected.
- This device can display in the Video Entertainment System the audio screen being played, and be operated using a special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

Switching to Video Entertainment System

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

1 Press the [MODE] key

2 Touch [Rear Display]



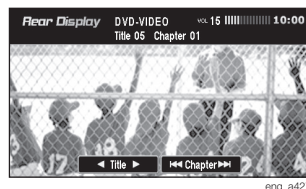
The image currently being played is displayed using the Video Entertainment System.

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

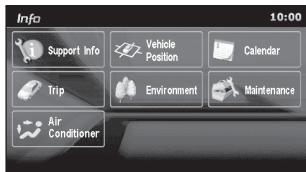
- AUX operations cannot be performed.
- Operations such as fast-forward and rewind, etc., cannot be performed by touching and holding these buttons.
- For detailed operation instructions and media that can be operated, refer to the user manual for the Video Entertainment System.

Information

Calendar

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

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



eng_a140



eng_a141

NOTE

- Today's date is displayed in yellow.
- Touch the date on the calendar directly to set the special day. >>> "Setting Special Days" (page 9-1)
- An icon is displayed on dates where special days or anniversaries have been set.
- Special Days are indicated with icons to the left of the date and Anniversary Days are indicated with icons to the right of the date.

NOTE

- 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. >>> "Setting Anniversaries" (page 9-3)
- Special days that have been set are deleted automatically three days after the special day has passed.

Setting Special Days

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

1 Touch the date to be set

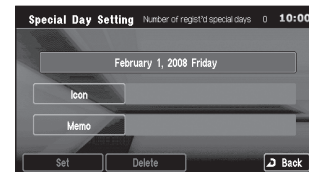


eng_a141

NOTE

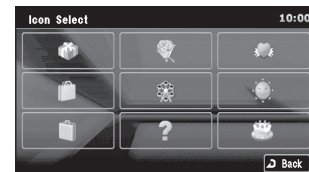
- Touch a date that has already been set as a special day to enable editing. >>> "Editing Special Days" (page 9-2)
- Dates that have already passed, including today, cannot be set as special days.

2 Touch [Icon]



eng_a142

3 Touch one of the icons



eng_a143

4 Touch [Memo]



eng_a144

5 Enter a short description of the special day, and touch [Set]

>>> "How to Enter Text" (page 2-13)



eng_a145

NOTE

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

6 Touch [Set]

The special day settings are completed.

Editing Special Days

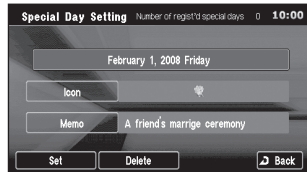
Editing a special day that has been set.

1 Touch the date to be edited



eng_a146

2 Touch [Icon] or [Memo] to edit



eng_a147

The remaining operations are the same as from step 2 of "Setting Special Days" (page 9-1)

Deleting Special Days

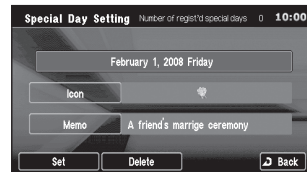
Deleting a special day that has been set.

1 Touch the special day to be deleted



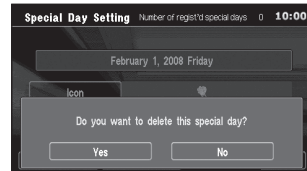
eng_a148

2 Touch [Delete]



eng_a147

3 Touch [Yes]



eng_a148

The special day deletion is completed.

Setting Anniversaries

Setting a new anniversary (birthday, etc.).
A maximum of 20 anniversaries can be set.

1 Touch [Anniversary]



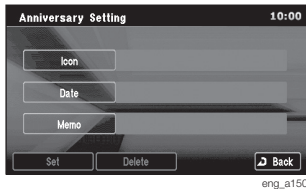
2 Touch [New Event]



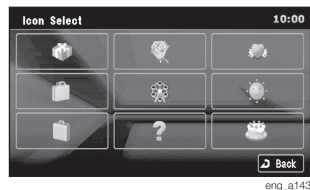
NOTE

- Multiple anniversaries can be set for the same day.
- When several anniversaries are set for the same date, the first anniversary that was set will be given priority and the icon will be displayed.

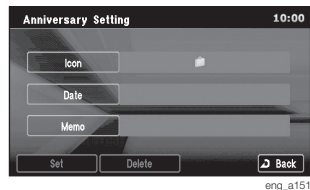
3 Touch [Icon]



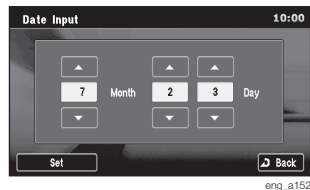
4 Touch one of the icons



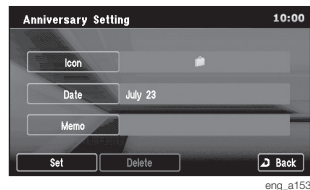
5 Touch [Date]



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



7 Touch [Memo]



8 Enter a short description of the anniversary, and touch [Set]

>>> "How to Enter Text" (page 2-13)



NOTE

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

9 Touch [Set]



The anniversary settings are completed.

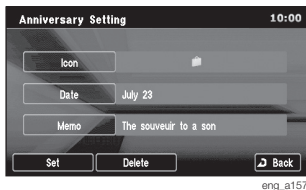
Editing Anniversaries

Editing an anniversary that has been set.

1 Touch [Anniversary]

The anniversary list is displayed.

2 Touch the anniversary to be edited



The anniversary setting screen is displayed.

The remaining operations are the same as from step 3 of "Setting Anniversaries" (page 9-3)

Deleting Anniversaries

Deleting an anniversary that has been set.

1 Touch [Anniversary]

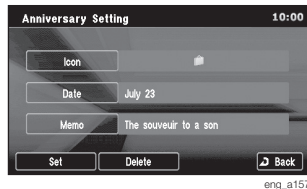
The anniversary list is displayed.

2 Touch the anniversary to be deleted



The anniversary setting screen is displayed.

3 Touch [Delete]



4 Touch [Yes]

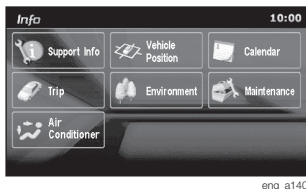


The anniversary deletion is completed.

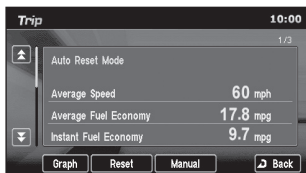
Trip

Trip information can be viewed and set.

1 Press the [INFO] key, and touch [Trip]



eng_a140



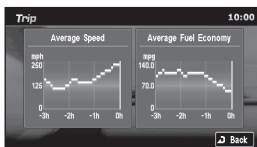
eng_a208

The trip screen is displayed.

The average speed, Average Fuel Economy, and Instant Fuel Economy information can be viewed.

NOTE

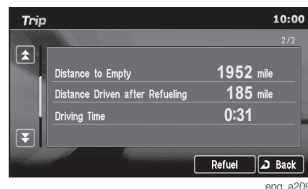
- Touch [Graph] to view the average speed and average fuel economy as a graph, measured in 5-minute units.



eng_a211

- Touch [Manual] to change the reset mode to "Manual Reset Mode". >>> "Reset Mode" (page 9-5)

2 Touch []



eng_a209

The 2/3 trip screen is displayed.

The distance to empty, distance driven after refueling and driving time can be viewed.

3 Touch []



eng_a210

The 3/3 trip screen is displayed.

The lap time can be measured.

>>> "Lap Time" (page 9-6)

Reset Mode

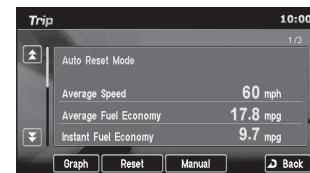
Two reset modes are available:

- Auto Reset Mode automatically resets the average speed and average fuel economy, four hours after the ignition switch is turned OFF.
- In Manual Reset Mode, you can reset the items when desired.

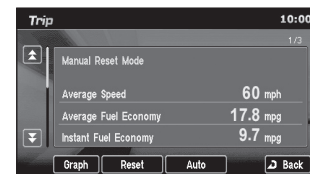
Changing the Reset Mode

1 Display the 1/3 Trip screen

2 Touch [Manual]



eng_a208



eng_a212

"Auto Reset Mode" is changed to "Manual Reset Mode".

NOTE

- Touch [Auto] to return to "Auto Reset Mode".
- In "Manual Reset Mode" or "Auto Reset Mode", touch [Reset] to reset the average speed and average fuel economy.

Driving Distance and Time

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

Distance to Empty

The displayed distance to empty is calculated from the current remaining fuel and the recent average fuel economy.

Distance Driven After Refueling

Displays automatically the distance driven after refueling.

It is reset when the vehicle is refueled.

NOTE

- If the amount of fuel added is less than approximately 2.6 gallons (10 litres), automatic reset will not be performed. Press [Refuel] to reset.

Driving Time

Measures the time from when the ignition switch is turned "ON" to when it is turned "OFF".

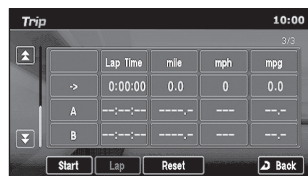
It is reset when the ignition switch is turned from "OFF" to "ON".

Lap Time

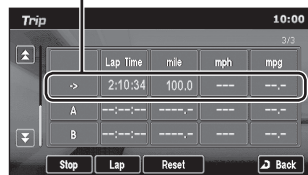
Time, distance, speed and mileage can be measured.

1 Display the 3/3 Trip screen

2 Touch [Start]



Total Line



The measurement starts. At this time, the speed and mileage are being measured, so they are not displayed.

3 Touch [Lap]



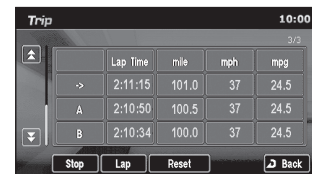
The current measurement results are displayed in "A".

NOTE

- Touch [Lap] again and the measurement results displayed in "A" are moved to "B", and the current measurement results are displayed in "A".



4 Touch [Stop]



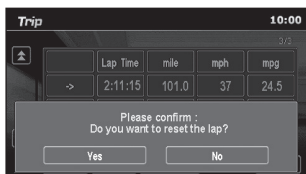
The measurements stop and the measurement results are displayed in the total line.

NOTE

- Touch [Start] to restart the measurements from where they stopped.
- The measurements stop if the ignition switch is turned "OFF" during measurement. If this happens, the measurements restart when the ignition switch is turned "ON".

5 Touch [Reset]

6 Touch [Yes]



eng_a217



eng_a210

All the measurement results are reset.

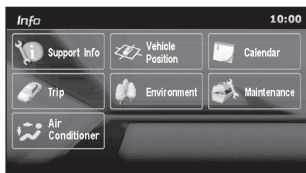
NOTE

- If the measured time exceeds 20 hours (19:59:59), the measurement is reset automatically.

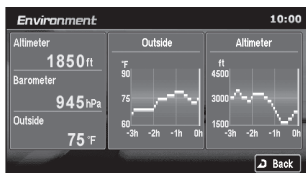
Environment

The outside air temperature, altitude, and air pressure can be viewed.

1 Press the [INFO] key, and touch [Environment]



eng_a140



eng_a218

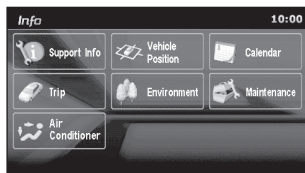
NOTE

- The display graph displays the latest information in 5-minute units.
- The units can be changed from Fahrenheit to Celsius, and from "ft" to "m". Refer to "Unit" in "System Settings" (page 10-5).

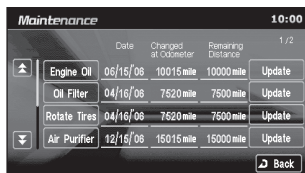
Maintenance

Maintenance timing alerts can be set, such as for the engine oil and oil filter change.

1 Press the [INFO] key, and touch [Maintenance]



eng_s140



eng_a220

The maintenance list screen is displayed.

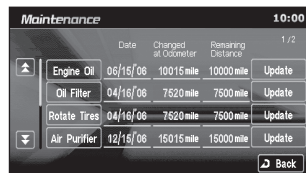
NOTE

- Items that have passed their maintenance timing or maintenance distance are displayed in a different color.

Setting the Maintenance Timing

An item can be selected to set the maintenance timing.

1 On the maintenance screen, touch the item to be set



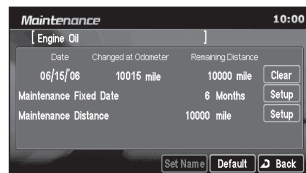
eng_a220

The maintenance information screen of the selected item is displayed.

NOTE

- “Date” displays the date on which the maintenance was performed.
- “Changed at Odometer” displays the odometer value at the time of maintenance.
- “Remaining Distance” displays the distance until the next maintenance timing.

2 Touch [Setup] in the “Maintenance Fixed Date” settings

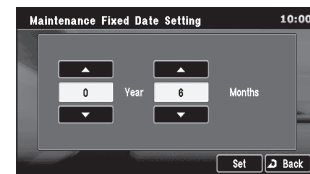


eng_a221

NOTE

- If [USER1], [USER2], or [USER3] has been selected in Step 1, the item name can be entered by selecting [Set Name].
- Touch [Default] to return to the factory settings.
- “Maintenance Fixed Date” is used to set the distance from the performance of maintenance to the time of the next maintenance.
- “Maintenance Distance” is used to set the number of months from the performance of maintenance to the time of the next maintenance.

3 Touch [▲] or [▼] to set the next maintenance date

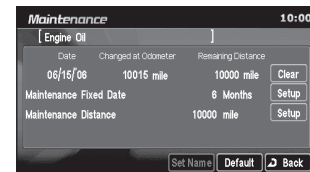


eng_a222

4 Touch [Set]

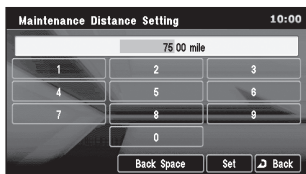
The “Maintenance Fixed Date” settings are completed.

5 Touch [Setup] in “Maintenance Distance”



eng_a221

6 Enter the numbers to set the next maintenance distance



eng_a223

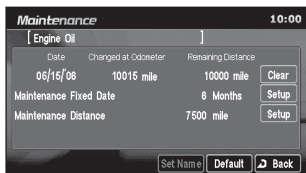
NOTE

- Touch [Back Space] to delete one character at a time.

7 Touch [Set]

The "Maintenance Distance" settings are completed.

8 Touch [Back]



eng_a224

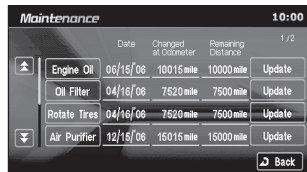


The maintenance timing settings are completed.

Update

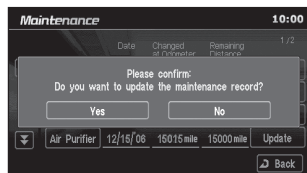
Updating the maintenance information

1 Touch [Update] for the item to be updated in the maintenance screen



eng_a220

2 Touch [Yes]

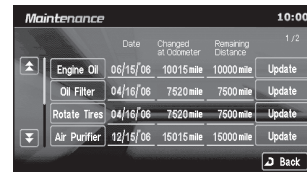


eng_a225

Clear

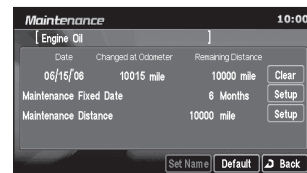
Deleting the maintenance information

1 On the maintenance screen, touch the item to delete the information



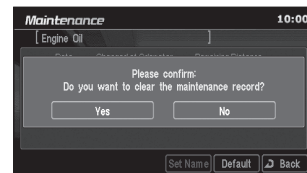
eng_a220

2 Touch [Clear]



eng_a221

3 Touch [Yes]

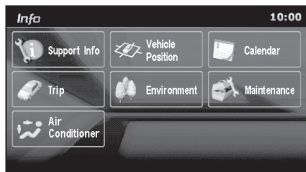


eng_a226

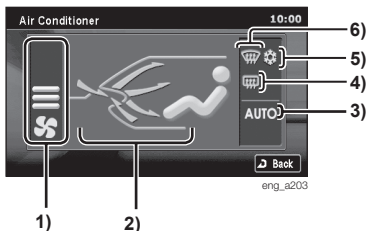
Air Conditioner

The air conditioner status can be viewed.

- 1) Press the [INFO] key, and touch [Air Conditioner]



eng_a140



eng_a203

- 1) **Blower speed indicator**
Displayed in 9 levels.
- 2) **Air direction/Outside air intake indicator**
- 3) **Auto mode indicator**
Displayed when the AUTO mode is operating.
- 4) **Rear window defogger indicator**
Displayed when the rear window defogger is operating.
- 5) **Air conditioner indicator**
Displayed when the air conditioner is operating.
- 6) **Front defroster indicator**
Displayed when the windshield defogger is operating.

NOTE

- When air conditioning operations are performed in the navigation screen display, the display shown below will appear.



eng_a204

- A short time after air conditioner operations have been completed, the screen will return to the navigation display.

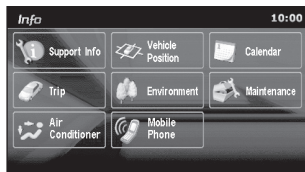
Mobile Phone

Only for cars equipped with hands-free Bluetooth® cellular phone interface system

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 the [INFO] key, and touch [Mobile Phone]



eng_a140



eng_a227

2 Enter the telephone number



eng_a228

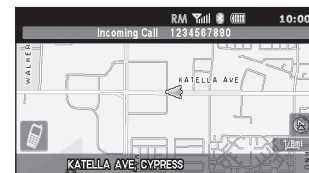
NOTE

- Touch [Redial] to dial again the number previously dialed.
- Touch [Clear] to delete one character at a time.

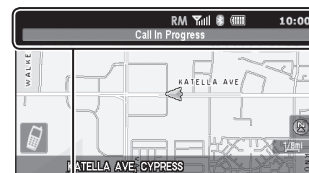
3 Touch [Dial]

Receiving Phone Calls

1 When the incoming call screen is displayed, press the [OFF HOOK] key



eng_a229





eng_a230

Phone plate

The On phone screen is displayed.

NOTE

-  will be displayed on the current location screen when a “hands-free Bluetooth® cellular phone interface system” is connected.
- Not displayed in “Turn List” or “Arrow Guide” mode, or when an intersection information map is shown.
- Touch  to display the phone plate.

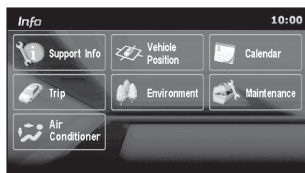
Other Info

System information and information about the current location can be viewed.

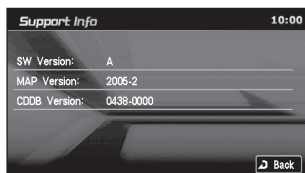
Support Info

System information for this navigation system can be viewed.

1 Press the [INFO] key, and touch [Support Info]



eng_a140



eng_a159

The support info screen is displayed.

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.

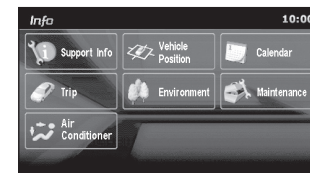
About version updates

- 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 Update DVD (sold separately). (Contact an authorized Mitsubishi Motors dealer for assistance.)

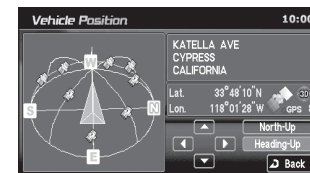
Vehicle Position

The name of the current location, latitude and longitude, and the number of GPS satellites being received can be viewed.

1 Press the [INFO] key, and touch [Vehicle Position]



eng_a140



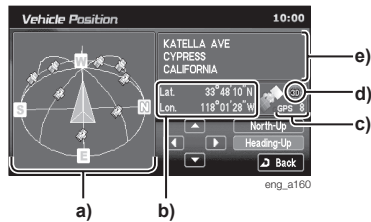
eng_a160

The vehicle screen is displayed.

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 [▲], [▶], [▼] and [◀] to view the sky maps by rotating or changing the angle.

Vehicle Position Screen



a) GPS satellite position diagram

Shows the direction of vehicle travel and the position of the GPS satellite receivers.

b) Longitude and latitude of current location

c) Number of receiving GPS satellites

d) GPS position measuring status



Shown when valid signals can be received from 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.

e) Name of current location

Setting

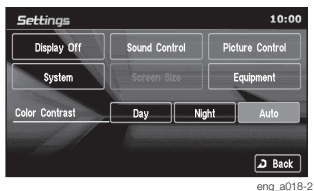
Adjusting the Screen

Adjustments related to the screen display.

Display Off

Turns OFF the monitor display.

- 1 Press the [SET] key, and touch [Display Off]



eng_a018-2



eng_a161

The monitor display is turned OFF.

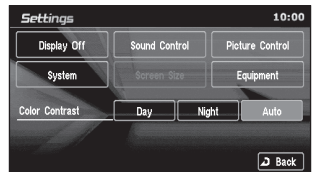
NOTE

- At this time, although the navigation voice guidance will be switched off, the AV audio will remain on.
- To turn ON the display again, either touch the screen, or press any key.

Picture Control

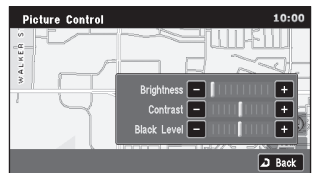
Adjustments related to the picture quality.

- 1 Press the [SET] key, and touch [Picture Control]



eng_a018-2

- 2 Touch [-] or [+] for “Brightness”, “Contrast”, or “Black Level” to adjust



eng_a162

NOTE

- “Brightness” can be adjusted with headlights ON and OFF separately.
- If adjusting the picture quality while a DVD image is displayed, “Tint” and “Color Intensity” can also be adjusted.



eng_a231

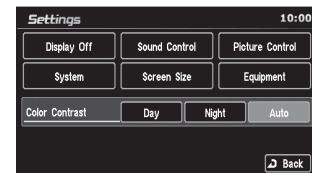
- 3 Touch [Back]

The picture quality adjustment is completed.

Screen Size

Switches between Screen Size and other displays for DVD image etc..

- 1 Press the [SET] key, and touch [Screen Size]



eng_a163-2

- 2 Touch one of the following buttons



eng_a232

- | | |
|----------|--|
| [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 center as is in wide mode. |
| [Zoom] | Magnifies the image displayed using 4:3 aspect ratio. (I.e., the top and bottom are out of frame.) |

- 3 Touch [Back]

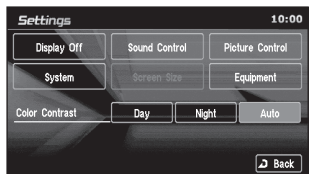
Screen Size switching is completed.

Sound Control

Adjusts the sound.

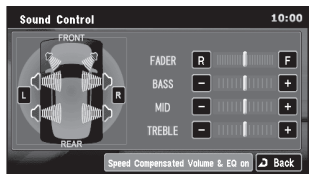
If Premium Sound System is not connected

- 1 Press the [SET] key, and touch [Sound Control]



eng_a018-2

- 2 Touch each item to adjust the sound



eng_a164

NOTE

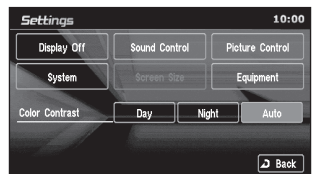
- Touch [Speed Compensated Volume & EQ off] to turn ON sound quality and volume adjustments according to vehicle speed.

- 3 Touch [Back]

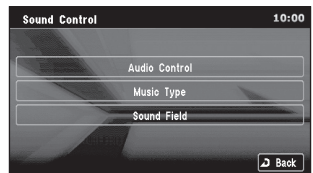
The sound adjustment is completed.

If Premium Sound System is connected

- 1 Press the [SET] key, and touch [Sound Control]



eng_a018-2



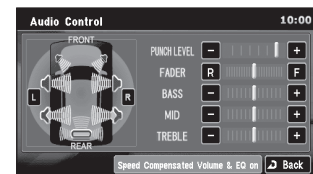
eng_a233

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



eng_a234

NOTE

- PUNCH LEVEL represents subwoofer gain.
- Touch [Speed Compensated Volume & EQ off] to turn ON sound quality and volume adjustments according to vehicle speed.

- 3 Touch [Back]

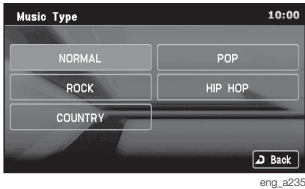
The sound adjustment is completed.

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



Acoustic characteristic	Description
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]

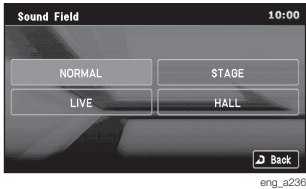
The sound adjustment is completed.

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



Sound field type	Description
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 vocal-ist in front.
STAGE	Places the image of a sound stage in front of the driver with the vocalist in the center (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 center (for driver only). Sound reflections are added to the rear spekaers to simulate the experience of being at a concert hall.Best with classical or vocalist music.

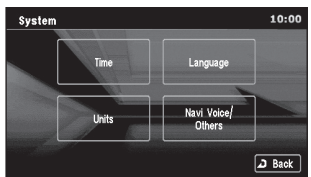
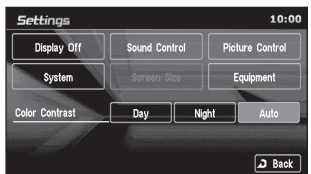
3 Touch [Back]

The sound adjustment is completed.

System Settings

The basic settings required by the navigation function can be performed here.

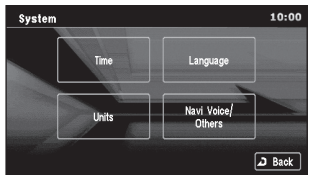
- 1 Press the [SET] key, and touch [System]



The system settings screen is displayed.

- 2 Touch each item to change the setting

- 3 Touch [Back]



The setting change is completed.

Time

Changing the time zone.

- 1 Touch [Time]
- 2 Touch the desired zone



- 3 Touch [On] or [Off] for “Daylight Saving Time”

- 4 Touch [Back]

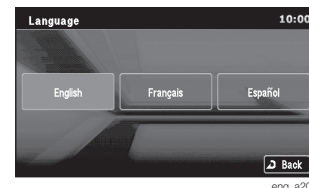


The time zone settings are completed, and the display returns to the system options screen.

Language

Changing the language used by the system.

- 1 Touch [Language]
- 2 Touch one of the languages



- 3 Touch [Back]

[English]	Change to English.
[Français]	Change to French.
[Español]	Change to Spanish.

NOTE

- When the meter is set to Auto, the language of both sides can be changed by performing operations on either the MMCS side or the meter side.
- When the meter is set to Manual, the language of the meter side and the MMCS side can be set separately.

Unit

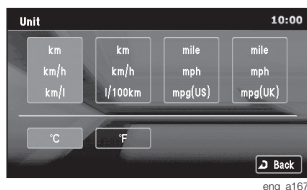
Changing the units of the distance display.

NOTE

- When the meter is set to Auto, the units of both sides can be changed by performing operations on either the MMCS side or the meter side.
- When the meter is set to Manual, the units of the meter side and the MMCS side can be set separately.

1 Touch [Unit]

2 Touch one of the units



3 Touch [Back]

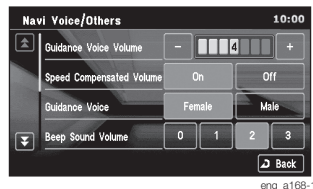
Other Settings

Settings related to the guidance.

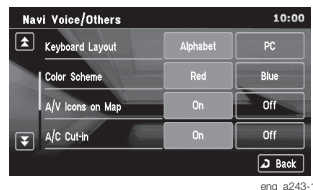
1 Touch [Navi Voice / Others]

2 Touch each item to change the setting

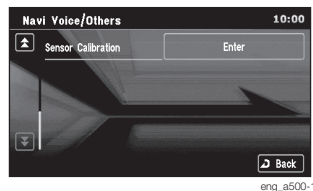
[page 1/3]



[page 2/3]



[page 3/3]



3 Touch [Back]

The setting change is completed.

Guidance Voice Volume

The guidance volume can be changed using eight discrete levels.

[-] The volume is decreased.

[+] The volume is increased.

Speed Compensated Volume

Guidance voice volume is increased linked to speed.

[ON] Linked to speed

[OFF] Not linked to speed (Volume is constant.)

Guidance Voice

Changing the settings for the guidance voice.

[Female] Guidance in a female voice.

[Male] Guidance in a male voice.

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]



eng_a169

[PC]



eng_a170

Color Scheme

Set the color scheme for the menu screen, etc.

[Red] The menu is displayed using a red color scheme.

[Blue] The menu is displayed using a blue color scheme.

A/V Icons on Map

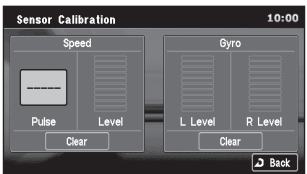
It is possible to set whether or not to display on screen icons displaying the audio status.

[On] Display.

[Off] Do not display.

Sensor Calibration

The level of the vehicle speed sensor and gyro sensor can be checked and the learning levels can be reset.



eng_a206

NOTE

- When tires are replaced, etc., delete the data by touching [Clear].
The learning levels can be reset.

A/C Cut in

Setting whether or not to use an interrupt display during air conditioning operations.

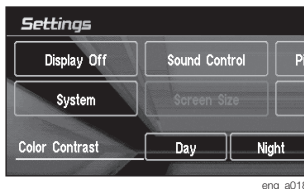
[On] Interrupt is displayed.

[Off] Interrupt is not displayed.

Equipment

Set the vehicle equipment.

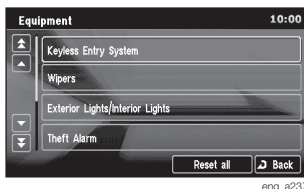
1 Press the [SET] key, touch [Equipment]



eng_a018

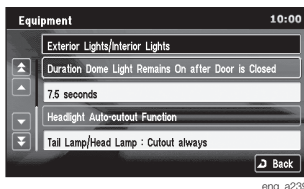
The equipment screen is displayed.

2 Touch the name of the equipment group



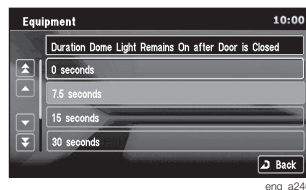
eng_a237

3 Touch the item name



eng_a239

4 Touch the condition



eng_a240

5 Touch [Back]

The equipment settings are completed.

Equipment Items that Can Be Set

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 Sounds

F.A.S.T.*-key (Keyless Operation System)

*:Free-hand Advanced Security Transmitter

- Turn Signal Lights Answerback
- Horn Answerback Sounds at keyless Entry Lock
- Duration of Horn Answerback Sounds
- Door Entry and Engine Start Function
- Keyless Operation Answerback Beep Sounds
- Time for Remote Unlock Inactivated after Locking

NOTE

- Either “Keyless Entry System” or “Keyless Operation System” will be displayed, depending on the equipment.

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
- Interior Light Auto-cutout Time
- Duration Dome Light Remains On after Door is Closed

Theft Alarm

- Panic Alarm

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

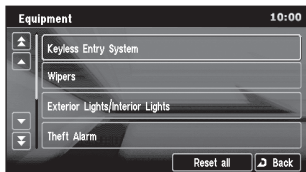
Others

- Auto Cut of ACC Power

Returning the Equipment Settings to Default

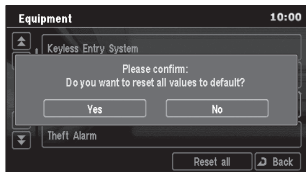
Return the settings to default to return to the factory settings.

1 Display the Equipment screen, and touch [Reset all]



eng_a237

2 Touch [Yes]



eng_a241



Returning the equipment settings to default is completed.

Navi Screen Options

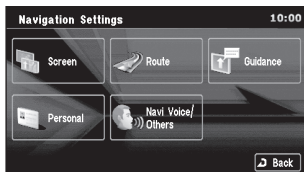
Settings related to the display.

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

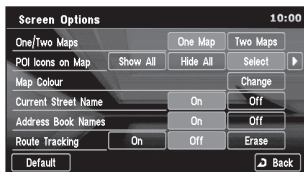


eng_a004-2

2 Touch [Screen]



eng_a016-1

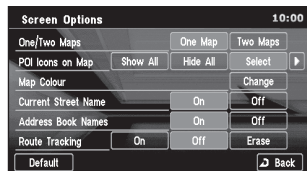


eng_a017-1

The screen options screen is displayed.

3 Touch each item to change the setting

4 Touch [Back]



eng_a017-1

The setting change is completed.

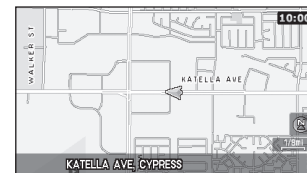
NOTE

- Touch [Default] to return to the factory settings.

One/Two Maps

Changing between the one map screen and two maps screen.

[One Map]



eng_a007

[Two Maps]



eng_a010

Points of Interest (POI) Icons on Map

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

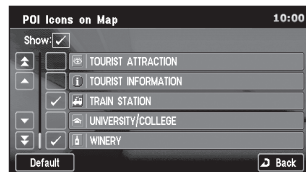


eng_a173

NOTE

- ☒ is displayed, ☐ is not displayed.
- 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]



eng_a174



















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 43 POI icon types are shown below.

POI Icons are color coded based on their category type.

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
	ATM	A
	AUTOMOBILE CLUB	B
	BANK	A
	BUS STATION	B
	CAR RENTAL	B
	CASINO	E
	CITY CENTER	C
	CITY HALL	C
	CIVIC / COMMUNITY CENTER	C
	COMMUTER RAIL STATION	B
	CONVENTION / EXHIBITION CENTER	C
	COURT HOUSE	C
	FERRY TERMINAL	B
	GAS STATION	B
	GOLF COURSE	E
	GROCERY STORE	A

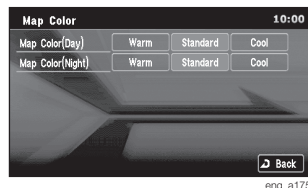
Icons/Name	Category
HISTORICAL MONUMENT	E
HOSPITAL	C
HOTEL	B
LIBRARY	C
MAJOR COMPANIES	A
MARINA	E
MITSUBISHI MOTORS	C
MUSEUM	E
PARK & RIDE	B
PARKING	B
POLICE STATION	C
RECREATION AREA	E
REST AREA	B
RESTAURANT	D
SCHOOL	C
SHOPPING CENTER	A
SKI RESORT	E
SPORTS COMPLEX	E
THEATER / OPERA	E
TOLL BOOTH	B
TOURIST ATTRACTION	E
TOURIST INFORMATION	B
TRAIN STATION	B
UNIVERSITY / COLLEGE	C
WINERY	E

Map Color

Setting the menu and map colors.

1 Touch [Change]

2 Touch the color for each item



3 Touch [Back]

Returns to the Screen Options screen.

Current Street Name

Set whether or not to display on the current location screen the name of the street currently being driven on.

[On] Display.

[Off] Do not display.

Address Book Name

Set whether or not to display on the map the name of the stored location.

[On] Display.

[Off] Do not display.

Vehicle Tracking

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.

[On] Displays the vehicle tracking on the map.

[Off] Hides the vehicle tracking from the map.

[Clear] Deletes vehicle tracking that already exists.

Route Options

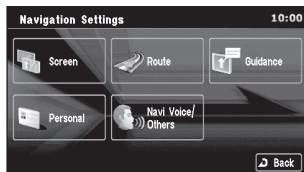
Setting the route search conditions.

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



eng_as02-2

2 Touch [Route]



eng_a016-1

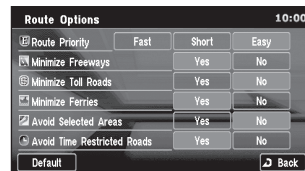


eng_a125

The route options screen is displayed.

3 Touch each item to change the setting

4 Touch [Back]



eng_a176

The setting change is completed.

NOTE

- Touch [Default] to return to the factory settings.

Route Priority

Setting the route search priority.

[Fast]	Searches for a short route in terms of time (arriving quickly at the destination), using freeways and major roads.
[Short]	Searches for the route on the map with the shortest distance.
[Easy]	Search for a route that is easy to drive, with few left or right turns (in particular left turns).

Minimize Freeways

Setting the conditions for using freeways.

[Yes]	Calculates a route that uses freeways as little as possible.
[No]	Calculates a route that uses freeways.

Minimize Toll Roads

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

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

Setting whether or not to use the set avoid areas (*page 10-16*).

[Yes]	Calculates a route that avoids selected areas.
[No]	Calculates a route that uses the avoid areas.

Avoid Time Restricted Roads

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.

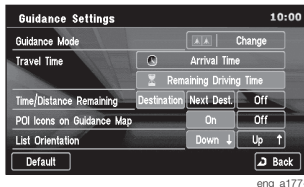
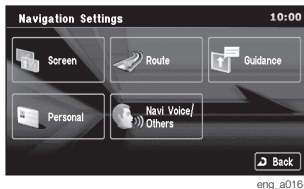
Guidance

Setting the route guidance, and the display for the route search results.

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



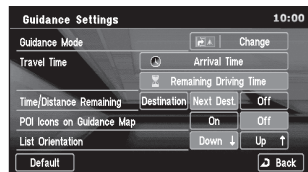
2 Touch [Guidance]



The guidance screen is displayed.

3 Touch each item to change the setting

4 Touch [Back]



The setting change is completed.

NOTE

- Touch [Default] to return to the factory settings.

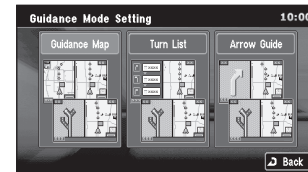
Guidance Mode

Setting the guidance mode.

1 Touch [Change]

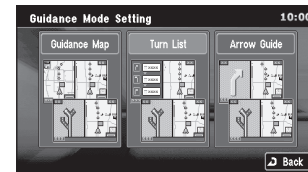
The guidance mode setting screen is displayed.

2 Touch one of the modes



Refer to "Intersection Guidance" (page 2-10) for details on each mode.

3 Touch [Back]



Travel Time

Setting the display method for the travel time at the destination.

[Arrival Time]	The arrival time is displayed.
[Remaining Driving Time]	The remaining time required to drive to the destination is displayed.

Time/Distance remaining

Setting whether to display the travel time and direction (direction icon) of both the destination and the way point.

[Destination]	Displays the time and direction to the destination.
[Next Dest.]	Displays the time and direction to the next location to be reached (way point or destination).
[Off]	Does not display the travel time. The direction icon displays the direction to the destination.

POI Icons on Guidance Map

Setting whether or not to display POI icons on the intersection guidance map.

[On]	Displays POI icons.
[Off]	Does not display POI icons.

List Orientation

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

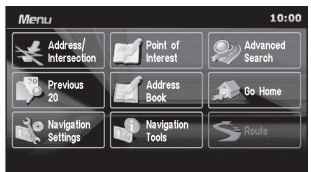
Changes to the list orientation apply to the following screens.

- Turn List Screen (*page 2-10*)
- FWY Area List Screen (*page 3-11*)
- Route Outline Screen (*page 4-2*)
- Avoid Street Screen (*page 4-3*)

Personal Settings

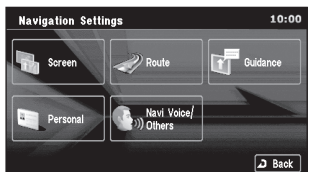
Individual user settings such as the address book, home location, and avoid areas can be stored and edited.

1 Display the Navi Menu, and touch [Navigation Setting]

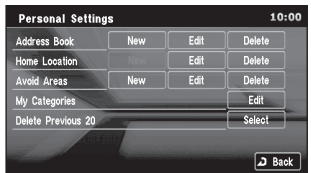


eng_a502-2

2 Touch [Personal]



eng_a016-1



eng_a190-1

The personal settings screen is displayed.

3 Touch each item to change the setting

Address Book

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.

[New]	A new location can be stored. Touch [New], and then use the same operations as <i>"Storing a New Location"</i> (page 5-1)
[Edit]	Editing information about a stored location. >>> <i>"Editing a Location"</i> (page 5-4)
[Delete]	Deleting a stored location. >>> <i>"Deleting"</i> (page 5-5)

Home Location

Storing the home location and editing the information.

[New]	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]. >>> <i>"When Storing Your Home"</i> (page 5-2)
[Edit]	Editing the home information. The operations are the same as from step 3 of <i>"Editing"</i> (page 5-4)
[Delete]	Deleting the home location. The operations are the same as from step 4 of <i>"Deleting"</i> (page 5-5)

Avoid Areas

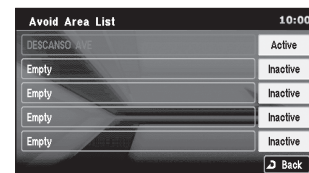
Areas to be avoided in a route search can be stored and edited. A maximum of 5 items can be stored.

Registering

Storing a new avoid area.

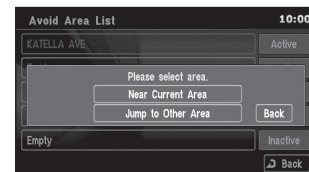
1 Touch [New]

2 Touch one of the [Empty] displays



eng_a182

3 Touch [Near Current Area] or [Jump to Other Area]

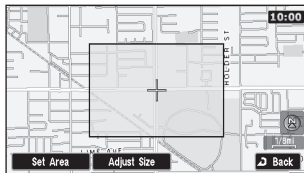


eng_a183

NOTE

- When touching [Jump to Other Area], refer to *"Destination"* (page 3-1) to search for the location of the avoid area.

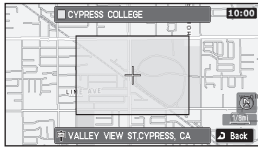
4 Touch [Set Area]



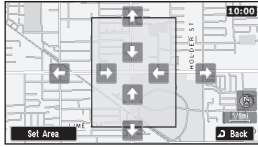
eng_a184

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.
- Touch [Adjust Size] to widen or shrink the range of the avoid area. Complete by touching [Set Area] after the change.

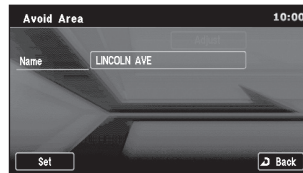


eng_a185



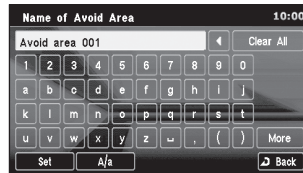
eng_a186

5 Touch the “Name” button



eng_a187

6 Input the name of the avoid area

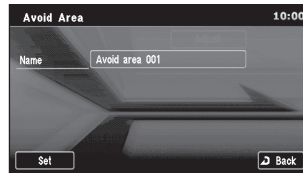


eng_a188

>>> “How to Enter Text” (page 2-13)

7 Touch [Set]

8 Touch [Set]



eng_a189

The storing of the avoid area is completed.

Editing

Editing an avoid area that has already been stored.

1 Touch [Edit]

2 Touch the avoid area to edit

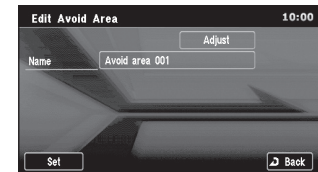


eng_a191

NOTE

- Touch [Active] to activate the setting for the avoid area.
- Touch [Inactive] to deactivate the setting for the avoid area.

3 Touch one of the items to edit



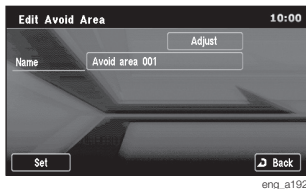
eng_a192

NOTE

- Touch [Adjust] to change the position or change the range in the same way as step 4 of “Registering” (page 10-16).
- Touch the “Name” button to change the name of the avoid area in the same way as step 5 of “Registering” (page 10-17).

4 Touch [Set]

5 Touch [Set]



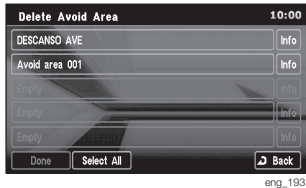
The editing of the avoid area is completed.

Deleting

Deleting a stored avoid area.

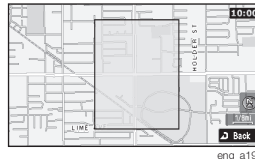
1 Touch [Delete]

2 Touch the avoid area to delete

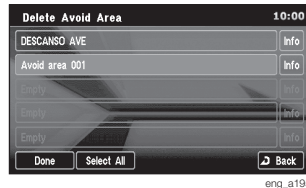


NOTE

- The avoid areas targeted for deletion are displayed with a highlight. Touch a location again to remove it from the deletion list.
- 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.



3 Touch [Done]



4 Touch [Yes]



The deletion of the selected avoid areas is completed.

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 Touch [Edit]

A list is displayed of all categories. The remaining operations are the same as from “Editing My Categories” (page 3-6).

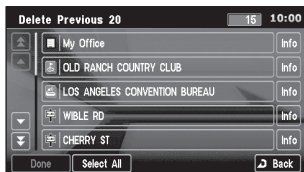
Delete Previous 20

Destinations from the previous 20 set destinations can be selected and deleted.

1 Touch [Select]

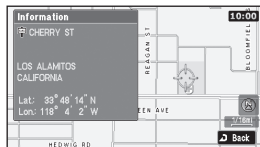
The delete previous 20 screen is displayed.

2 Touch the location to delete

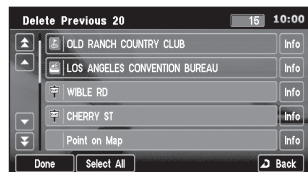


NOTE

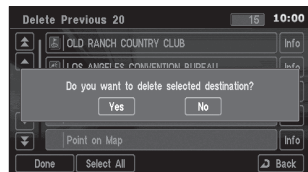
- The locations targeted for deletion are displayed with a highlight. Touch a location again to remove it from the deletion target.
- Multiple locations can be selected at the same time.
- Touch [Select All] to delete all locations at the same time.
- Touch [Info] to display a map of the vicinity and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



3 Touch [Done]



4 Touch [Yes]



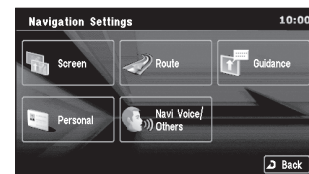
The deletion of the selected locations is completed.

Navi Voice / Others

1 Display the Navi Menu, and touch [Navigation Setting]



2 Touch [Navi Voice / Others]



>>> "Other Settings" (Page 10-5)

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