

Pioneer

AV integrated memory navigation

AWIC-MRZ05

スタート

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バック

START BOOK

carrozzeria

Before you

That I

would like you

The

main operation

The

main operation

smart
loop

PC

link software

Appendix

Please observe for the sake of safety

About picture display

Instruction manual, the display of the installation instructions and product, fired had to use our products safely and correctly, in order to prevent damage to harm or property to the customers and other people in advance, Colors Colors such picture display were we. The symbols and their meanings are as follows.

- Ignore the display content, the degree of harm or damage on when the wrong how to use the ward minute in the next display, are described.



Column of the display shows the "contents likely to bear the human death or serious injury is assumed."



Column of the display shows the "contents of the generation of people is only the content and material damages, which is a possibility that injury is predictable."

- The type of content that get amulet classified in the following picture display, are described.



Such a picture display is the content that care must be taken (including a warning).



This symbol indicates that the contents of the ban (doing it should not).



This symbol indicates that the contents of the Force where I am Always.

Precaution ("Safety Precautions" in the separate Please read)



warning

[how to use]

If you do not operate while driving



Please do not operate the unit while driving the driver. Cause forward carelessness and Do Ri traffic accident. When performing the operation, please stop the car in a safe place.

Not gazing at the image while driving



The driver while driving, please do not watch the image. Cause forward carelessness and Do Ri traffic accident.

Do not watch TV or video while driving



When the driver watch TV or video, stop the car in a safe place, please take a side brake. TV and video will not be displayed while driving for safety.

[Treatment of abnormal]

Do not use the failure



Screen is not displayed, it does not use in the state of failure, such as no sound. It happens when it is made to use the cause of the accident, fire, or electric shock. When you fail, please contact your dealer without fail.

Do not use the abnormal



In the unlikely event of a problem, such as internal and foreign matter that contains the-water took, smoke out the strange smell, stop using it immediately, please consult your dealer of up have always for purchasing . It happens when it is made to use the cause of the accident, fire, or electric shock.

Fuse is to use a fuse of the specified capacity



When replacing the fuse, please use the fuse of always defined capacity (amperage). If you use a fuse that exceeds regulated capacity, and cause a fire or failure.



Caution

[how to use]

Do not count on such as a heater of the heat on the monitor section



Please Do not such rely on the air conditioning of the cooler of cold air and the heater of the heat to the monitor unit. It may be as it is made to use the cause of failure and burns.

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In order to enjoy more the machine

This unit can be a combination of options such below.



Memo

In order to enjoy more the machine

The following model number is a typical example. There is also a case that can not be combined depending on the model and conditions. For more information, please contact the dealer.

iPod for USB conversion cable (for AV)

When you use the optional USB conversion cable for the iPod (for AV) "CDIUUV51M", you can connect the iPod to this unit.



Memo

- USB conversion cable in use for iPod, other USB devices and external equipment (AUX) is not can use it. If you made other USB devices and external equipment the (AUX) to your, please disconnect the USB conversion cable for iPod. For more information **"Installation Manual" - "Connecting the System"** Please refer to the.

ETC unit

Connect an optional ETC unit of the "ND-ETC6" Then, you can pass through the tollgate of the toll road non-stop. You can also announce in voice for the presence or absence of ETC card, usage history that is recorded in the ETC card, you can see the vehicle-mounted device management number of ETC unit on the screen of this unit.

Back camera unit

When you connect an optional RCA output back camera unit "NDBC5" and of, can be displayed on the machine behind the video at the time of parking.



Memo

- If you connect the back camera to this unit, you need to turn ON the input of camera settings.
→ **"Installation Manual" - "make the back camera settings"**

Steering remote control adapter

Connect the steering wheel remote control adapter (sold separately) Then you can do while holding the handle part of the operation of the machine using genuine steering remote control (only vehicles).

- For Toyota / Daihatsu vehicles: "KK-Y101ST" for Honda
- cars: "KK-H101ST" for Mazda vehicles: "KK-T101ST" for the
- Suzuki car: "KK-S101ST" for Subaru cars: "KK-F101ST / KK-F102ST "



Memo

- Car some you may not be able to use it. Please consult your dealer for details.

please read

Attention to the customer

- When the driver while traveling is you the operation of navigation, or lost to or distracted operation on the screen, is very dangerous, it may cause serious accidents. When the driver performs an operation of the navigation, please go after stopping sure the car in a safe place.
- Voice of the machine during operation, please use to the extent that outside of the sound can be heard. When operating in the state have the outside of the vehicle of sound Na heard, it may become the cause of the accident.
- This unit has been recorded that road access is limited data, but due to change of traffic regulation, may differ from the actual signs and traffic regulations. Even when voice guidance such as route guidance and a right or left turn by navigation, please traveling Always follow the actual signs and traffic regulations. It may be traffic accidents and road traffic law violation.
- Emergency facility (hospital, fire department, such as the police) for search and route guidance is not dependent on the machine, please check directly to each facility.
- This unit, to test knowledge of the ON / OFF of the parking brake, does not allow you to see the video, such as television and video while driving. When you out the
- navigation of the operation and the disk is to stop the car in a safe place, the car of the select lever to N (neutral) or P (parking) position, please go from the parking brake.

For operation of the machine

This unit is operated with buttons on the touch panel and the body. The remote control is not included.

In order to prevent the battery up of the car

When you intend to use the unit, please be sure to put the car engine. When you use the machine when the engine is not applied, the battery is exhausted.



Memo

- For environmental protection, idling in stop of more than necessary Avoid.

The power of navigation

The power of the machine, is the car of the engine switch was ACC will enter automatically when to ON, will turn off and turn OFF the engine switcher switch. There is no power switch on the navigation.

Please note that when you remove the battery

When the inspection, etc. remove the battery, the following contents will return to the state at the time of the factory. Please necessary information a note in advance.

- The vehicle direction
- learning root image
- quality adjustment
- screen angle adjustment
- Audio Settings / System Settings settings radio, traffic
- information preset content playback mode of each AV source,
- such as

About SD card

- This unit is compatible with SD memory cards and SDHC memory card. In this book, you may be referred to for **convenience as the "SD card". PC link software (→ P55) Your** use of, or higher is required of SDHC card 8GB. If the
- personal computer are you using litadai is not compatible with the SDHC card, please use a commercially available USB adapter. This unit does not guarantee the operation of all of the SD card.
-
- During access to the SD card, please do not either disconnect the SD card. Also, please do not change the key position of the car. There is a possibility that the data may be damaged. If you have damage on such acts smell, it can not be compensated. SD card has a limited service life. Even if you are using normally it may no
- longer operations such as successfully writing and erasing.

- SD card that is recognized by the you have a PC, you may not recognize in rare cases this unit. In this case, by the failure of the SD card, it may be recognized by the format to Rukoto in a dedicated format tool. In addition, for when you format a standard feature of personal computers become SD non-compliant format, because there is that the data write or read can not be, such as a failure, occurs, that you run the format work in a dedicated format software There has been recommended. However, if you format data recorded on the SD card will be lost all. When the format is, please go from to create a backup of the SD card data always. SD card format software is available Ri by website following SD Association.

please read

<http://www.sdcard.org/jp/consumers/formatter/>

(February 2011 point reprint)

- The failure repair of the SD card in the format work does not our guarantees. In addition, the present work, SD card data consumption loss and, if other damage has occurred, do not bear the responsibility as our company. Carefully read and format soft instructions, until the lye, please format work is running under the judgment and responsibility of the customer.

For LCD screen

LCD screen has a limited angle that appears to structure on the beautiful. When you are new, so that the screen looks beautiful, please adjust the image quality to match the angle of view. (→ P17)

For map data

You do not need to insert the map disc in the machine. Map data has been recorded in the built-in memory.

For customers of the registered data

- In the map data update and repair of the unit, for the data you have registered warranty, please forgive me.

- Various function settings of any content that is registered to the navigation, you might want to change or lost by accident or malfunction, repair other up handling physician. Please take you a refrain important contents. With regard to damages and lost profits in the case of one million Description has been altered or lost, so be not assume any responsibility, Please note.

For operation of the auto antenna

If you have installed the camera to the auto antenna car, may auto antenna goes up to continuous motion to the car of the ACC power ON (start the engine) or be. Please note indoors. To lower the antenna, such as three-dimensional parking lot, "Menu button" (→ P14) The press and hold.



Memo

- In addition to auto antenna car, please always be left in the ON. When OFF radio / VICS / FM multiplex broadcasting might become if not be received. (→ P14)

After-sales service

- Because the important us know racemate about the safety of this product from our company will do to customers who your registration from the Internet, we ask that you can just have the sure to register. After-sales service of this product, but we have
- to carry out your local dealer as a window, due to the destination and moving, if a repair to your local dealer can not request, repair reception desk. (Okinawa only, Please consult to Okinawa service certified shop). (→ back cover)

Guidance of the PC Link software

When the PC Link software the "Navi Studio (for Rakunabi Lite)" (later Navi Studio) safe use and install to your computer, the latest map data and Smart Loop traffic congestion information, weather live, music data via a personal computer automatically be retrieved, it will be saved to the SD card. Stored data and information can be automatically reflected only by inserting an SD card into the machine. With respect to the use of Na Bisutajio, more details "PC link software" (→ P55) Please refer to the.

Ask your registration

In order to inform you information about the product, please the customer registration. Registration is available at our home page. Please perform the registration and access to the following URL.

<http://pioneer.jp/support/members/> case "Navi Studio (for Rakunabi Lite)" ing to available can be a child that is responsible for customer registration by using your computer's Internet connection environment during setup you. (→ P56) It should be noted that, since the time of registration you will need what is described in the warranty card, please have the warranty card in your hand.

About version up

- **Version-up of this unit, the navigation studio (→ P55) Be or** done using the map charge function. To get started, we wish you a following of your preparation.
 - Can have an Internet connection, "Nabisutaji Oh (for Rakunabi Lite)" has been registered to the installed PC this unit (→ P56) In, your registration from the SDHC card our website of free space
 - is more than 8GB ✕
 -
 - ✕. Customer registration, "Navi Studio (Rakunabi You can also perform together during the installation of the Lite for) ".
 - This machine is a map charge with three years (October 2011 November 2014).
- It does not take update prices many times charge as long as it is within this period.
- 2014 since November of version-up will be have amortized.

Point data and road data is scheduled to be updated every month. Updating of all data is scheduled for twice a year. For the convenience of the maintenance schedule, there is also a month update target is not.

All data updated twice a year and you'll need to prepare the SD card by the customer. To customers not be available in all the Internet connection environment, once a year, we plan to sell the version-up software based on the SD card. Details are expected to guide you by our website.

Only we plan where I am allowed to guide those who agree to register at "sending of the version-up guidance" for the announcement of version up.

Copyright

Copyright of data and programs recorded on this unit, we have please re attributed to the third party who licensed the rights under copyright for our company and our company. Customers can also duplicate all or part of these data and programs in any form, modified, you will not be able to and analysis.

Other

- When you record a copyright-protected program such as a video deck, work functions for copyright protection, can not be recorded correctly. In addition, by the function of the copyright protection, in the case where the monitor output via a video deck, you may image quality in playback purpose is degraded. These are not the equipment problem.
- For the purpose, such as product performance improvement, it is in the unit has the ability to record the operation history information (such as positioning results). It does not include your personal information in the operation history information. In addition, this information has become a mechanism that can be analyzed only in our specified locations and our designation of subcontractors, it will be used only if you can for your consent. It is, this product does not guarantee that you conform to your specific purpose.
- Design and specifications of this product, you may be subject to change without notice for improvement. We can not respond to its tail Keru change
- prior to the remodeling of this product in the case, or you take conversion Enogo demand. Actual product of the screen, because of the performance and functional improvement, may be changed without notice. Screen example is used in the instruction manual, it may differ from the actual
- screen.
-

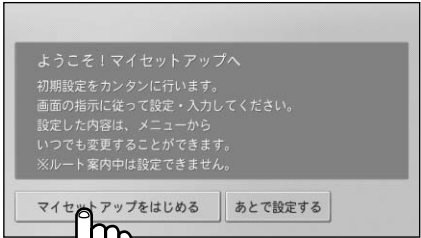
My setup

The basic configuration of this machine, it can be easily carried out in accordance with the instructions on the screen. After purchasing the camera, the camera for the first time in your, automatically My Setup will start. The settings can also be changed later. For more information "Navigation & audio book" - "Setting the navigation" - the "My set-up." Please refer to the.

My setup

Start My setup

Once Touch the



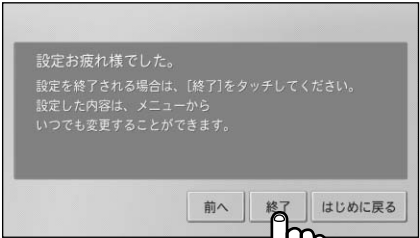
Following you to set the order.
Volume settings → home setting → ETC mounted state
Settings → illumination color setting
Please set according to the instructions of each screen.



Memo

- During route guidance, you can not to do My setup.
- If you want to set a later time, Set later
Next time you start also Maise' up will start. Also, it is set up at the start of the machine menu (→ P28) You can also start the Maise' up from.

When you reach my end of setup screen, . To touch



About My setup screen

End
Quit My setup.
Next >>
Save the settings and display the following screen.
<< Previous
Such as when to restart the setting, to display the previous screen.



Guidance message
It displays a summary and operation of the function with a simple message.

My setup progress bar
You can check is progressing My setup is far.

Items that can be set in My setup

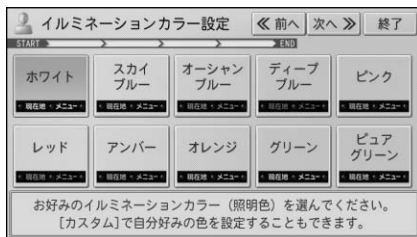
Volume settings

You can set the ON / OFF of the guide volume and operation sound of navigation.



Illumination color setting

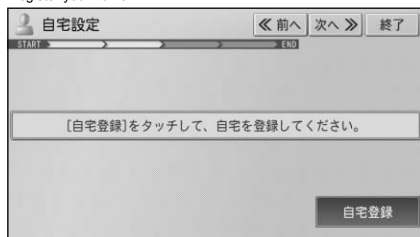
You can set the illumination color of the button of the body.



My setup

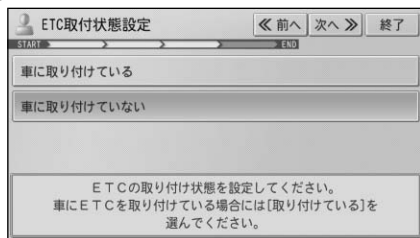
Home setting

You can register your home.



ETC mounted state setting

You can set whether or not you are mounting the ETC unit in the car.



Preparing to watch TV

After purchasing the camera, the camera for the first time to look at the TV, work to be registered on the machine looking for a receivable channel (channel scan) is required. These ready to Ryosuru complete, you will not be able

to see the TV.

Preparing to watch TV



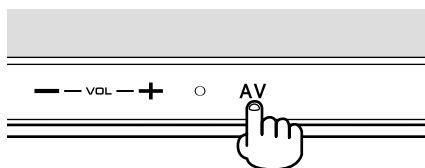
Memo

- Channel scan, please go in a place that is easy to receive the radio waves of television. (In the underground car park you may not receive the radio waves.) And when you remove the car battery, setting initialization (-> "navigation & audio book" over "other operations")
- - "Clearing the initialization and user data settings") Channel scan even when it is necessary.

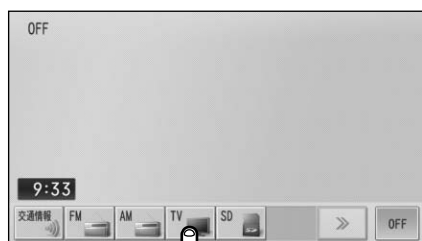
O

Start the car

Press the AV button when the map screen is displayed



TV. Touch to



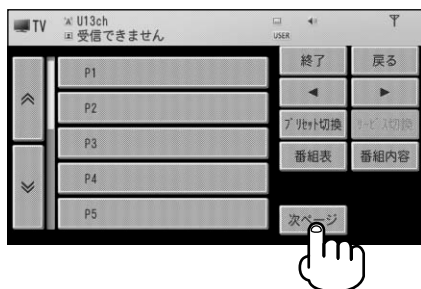
Touch the screen



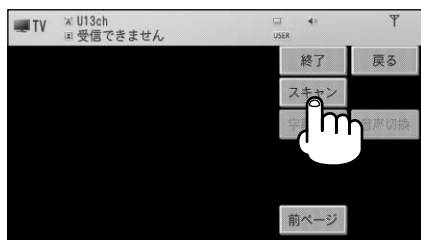
. Detail . Touch the



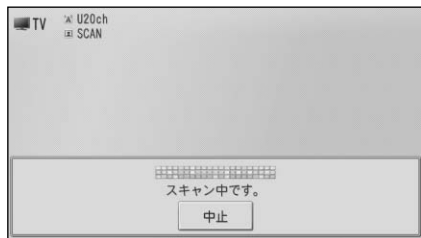
next page. . Touch the



scan. ng touch to



To start the channel scan.



If the channel scan is finished, the television of the video will be displayed.

Preparing

Names and functions of each part

Navigation body (the closed state of the screen monitor)

Names and functions of each part

The diagram shows the front panel of the navigation body with various buttons and controls. Labels point to specific buttons with descriptions of their functions.

Ejector button
(→ P17,20,22)
Disk, out put and the SD card, to display the operation screen for carrying out the angular adjustment of the screen monitor.

menu button (→ P27,29)
In the case of the navigation screen, to display the navigation menu.
In the case of AV source screen to display the AV menu. In either case, the screen, ON (top gel) the auto antenna Press and hold / OFF (lower) be, you can.. (→ P8)

TM / £ button (→ P51)
Do the audio operations such as down / up and rewind / fast-forward the track.

Volume control button (→ P16)
Adjust the volume of the audio.

AV button (→ P17,19)
In the case of the navigation screen, you switch to the AV source screen. In the case of AV source screen, it does not work. In either case, the screen, Masu Press and hold to display the image quality adjustment screen..

You are here button (→ P17,18)
In the case of the navigation screen (showing other than current location), to display the current location. If you are in a current location display, and change the registration scale. In the case of AV source screen, you switch to the current location screen.
Even in the case of either of the screen, you can turn off the temporary screen and long press.



Caution

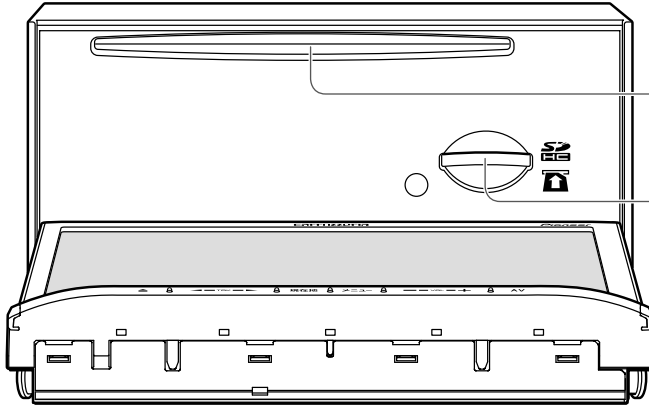
- When you are not using this unit, please in the state to close the screen monitor.
- Please do not go the angle adjustment and the opening and closing of the screen monitor manually. Strong force on the screen monitor will be damaged the pressurizing Waru.
- When you adjust the angle and the opening and closing of the screen monitor, please be careful not to pinch things. When things got stuck, please refer to the opening and closing operation from removing the trapped ones.



指のケガに
注意

When you open and close the screen monitor, please note so that it is not to pinch your finger. In particular, please note for children. It may cause injury.

Navigation body (state you open the screen monitor)



Disk insertion port (→ P20)

Insert the CD and ROM.

SD card slot (→ P22)

Insert the SD card.

Touch key of the current location screen

Congestion touch key (→ P44)

You have to get the traffic information If you are in route guidance, to display the traffic jam information. If it is not in the route guidance, to view the regulatory information.



View touch key (→ P41)

You can choose how to display the map, on the other hand you can set the display and non-display of passing mark.

If you long touch, to register the current map scale. (Only present location screen will work.)

Orientation display touch key (→ P40)

You can change the direction (the direction of travel up / Kitagaue) of the map.

Shortcut menu touch key (→ P31)

A menu that function has been collected frequently used in navigation lists table. Shortcut menu is different from the contents of the menu depending on the screen being displayed.

Wide area / detail touch key (→ P40)

The display range or expand in a rough display (wide area) of the map, or you can shrink (details) with a precision display.

Adjust the volume

This section describes the volume method of adjusting the audio. Setting of the guide volume and operation sound of navigation *"Navigation & Audio Book"* - *"Setting the navigation"* - *"the volume setting of navigation."* Please refer to the.



Caution

- And outside of the sound it is difficult to hear, you cause a traffic accident. Please use a moderate volume so as not to interfere with the safe driving.



Memo

- If the guidance voice of navigation in the output, you may not be able to adjust the volume. Please operate in a state where the guide voice is not output. You can also adjust the difference between the volume of each AV source. For more information *"Navigation & audiobooks"* over *"to set the sound quality of the audio"* over *"source level adjuster setting"* Please refer to the. Guidance, such as during the audio output of the navigation, or you can automatically reduce or turn off the sound of the audio. For more information *"Setting the audio system of the"* *"navigation and audio book"* over over *"Mute timing"*, *"Mute Level"* Please refer to the.

volume

Or

Press the volume control button

メニュー

○

— — VOL —

+

○

AV

+ Side volume will increase.

- Side volume will be smaller. Adjust the

Operation of the screen

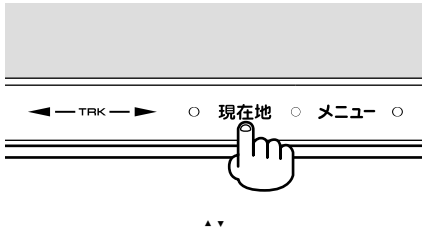
Switch the screen

This machine, by switching the navigation screen and the AV source screen, you can use the respective function.

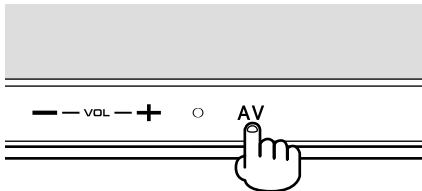
Or. You are here button or AV I press the button

Each time you press the button, and changes as follows according to the screen you are currently viewing.

AV source screen → navigation screen



Navigation screen → AV source screen



To adjust the angle of the screen monitor

Was adjusted to easy viewing angle screen monitor can be memorized.

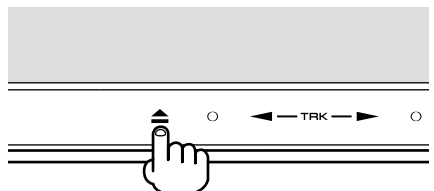
Caution

- Please do not force carried out manually or by using a tool adjustment of the angle of the screen monitor. It will be damaged and the strong force is applied to the screen monitor.
- When you adjust the angle of the screen monitor, please note not to pinch things. When things got stuck, please adjust from removing the trapped ones.



When you adjust the angle of the screen monitor, careful not to catch your fingers. In particular, please note for children. It may cause injury.

Press the eject button



Or. To touch to



- Screen monitor opens one step at a time.
- Screen monitor will close one by one stage.



Memo

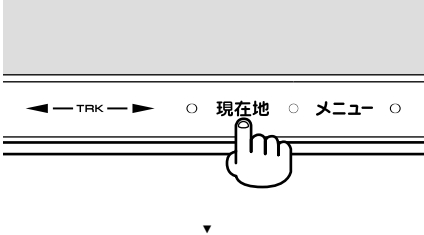
- The angle of the adjusted screen monitor is stored in the unit, it will be automatically adjusted angle even when the power is OFF / ON (engine switch OFF / ON). If you want to a different angle, please adjust again.

Operation of the screen

Turn off the screen (Navi standby)

Such as when the screen of this unit is bright, temporarily turn off the screen (to black screen) you can.

Or Press the button You are here long



Temporarily screen will disappear.



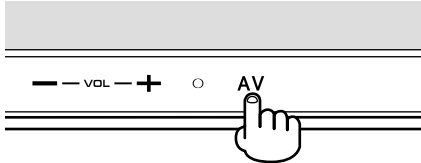
Memo

- Navi standby, does not release the session turning the power supply OFF / ON (engine switch OFF / ON). If you want to cancel, please touch the screen. To return to the previous screen. In Navi standby, it does not voice
- guidance of the navigation is output. AV source in the selection is output only voice. Camera function operation, temporarily Navi standby is released.

To adjust the image quality

You can adjust and store the brightness of the screen.

On the screen you want to adjust the image quality
Press and hold the AV button



Set to your liking



Depth of black

- ☐ (White) the stronger the concentration of white.
- ☒ (Black) will be strong black density.

contrast

- ☒ Low The difference between the black-and-white will be smaller.
- ☐ High The difference between the black-and-white will increase.

Brightness

- ☒ Darker.
- ☐ It will be bright.

Color temperature

- ☒ (Red) warm colors will become stronger.
- ☐ (Blue) cold colors will be stronger.

Color depth (video-based AV source over Scan or camera images only)

- ☒ Pal It will be thinner.
- ☐ Cor Darken.



Memo

- Remains of image quality adjustment screen, and press once again the AV button long, touch panel adjustment screen appears.
For more information "Navigation & Audio Book" - "Other Operations" - "to adjust the touch position of the touch panel" Please refer to the.

Operation

Disk out of



指のケガに
注意

When you open and close the screen monitor, please note so that it is not to pinch your finger. In particular, please note for children. It may cause injury.



Caution

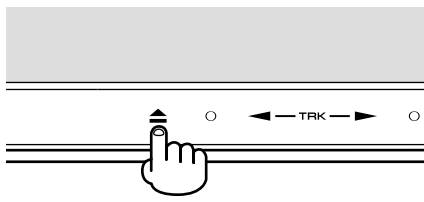
- When you are not using this unit, please in the state to close the screen monitor. Please do not force carried out manually or by using a tool the opening and closing of the screen monitor. It will be damaged and the strong force is applied to the screen monitor.
- When the opening and closing of the screen monitor, please note not to pinch things. When things got stuck, please open and close after removing the trapped ones.
- It does not correspond to the 8cm disc. In addition, please Never use also 8cm disc fitted with a adapter.

Disk out of

Put the disk how

O

Press the eject button



OPEN. uch to

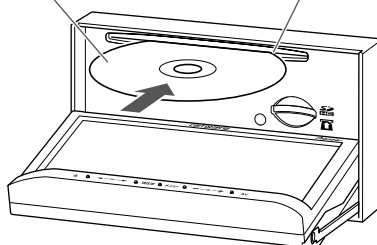


Screen monitor opens.

Insert the disk

The label side up

Disk insertion port

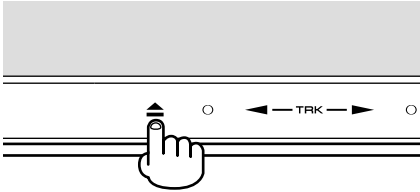


Drawn in automatically when inserted halfway disk, screen monitor is closed.

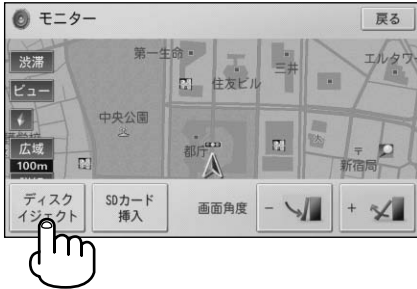
Removal of the disc-shaped

O

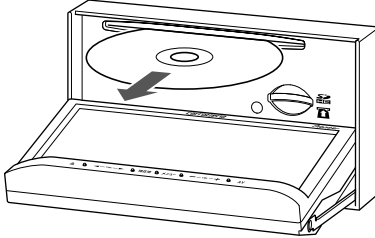
Press the eject button



Disk eject.



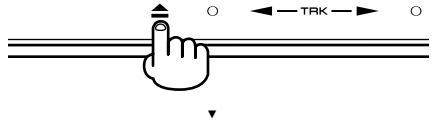
Opens screen monitor, it will be pushed out the disk automatically.



Memo

- When you press again eject button in a state in which the disc has been pushed out to the middle, the disc is drawn in automatically, screen monitor is closed.

Remove the disc, then press.
Eject button



Screen monitor is closed.

Disk out o

And out of the SD card



When you open and close the screen monitor, please note so that it is not to pinch your finger. In particular, please note for children. It may cause injury.



- When you are not using this unit, please in the state to close the screen monitor.
- Please do not force carried out manually or by using a tool the opening and closing of the screen monitor. It will be damaged and the strong force is applied to the screen monitor.
- When the opening and closing of the screen monitor, please note not to pinch things. When things got stuck, please open and close after removing the trapped ones.
- Attempting to make the loading and unloading of the SD card, there is a risk that this unit or the SD card may be damaged. Please be careful.
- The SD card slot, please do not insert anything other than SD card. If you insert a metal object such as a coin, will be the cause of the internal circuit is damaged failure. For safety reasons, please do not do out of the SD card is running.
-

And out of the SD card

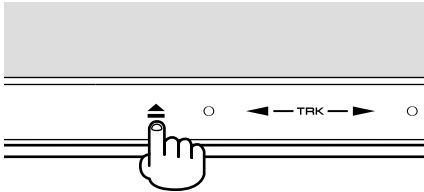


- miniSD card, the microSD card, you will need a dedicated adapter of which are commercially available. PC link software (-> P55) The if you wish to use is, SDHC card (more than 8GB) to be used as a PC Link software-only is required.
- Also, when you insert the first SD card after purchasing the unit, SD card registration confirmation message is displayed. In the case of SD card you wish to use as a navigation studio dedicated. **Yes. Please Touch.** In the case of other type [redacted] applications (for example as in the case of temporarily borrowed SD card from an acquaintance). **No. Please by touching on.** For more information, "PC link software [redacted] Please refer to the. Even if the data of the SD card is lost when they are used in combination with the present machine, please forgive me for the failure
- guarantee of lost data.

Put the SD card away



Press the eject button

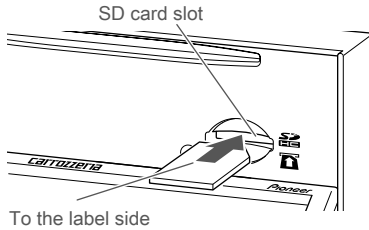


SD card insertion Touch. To

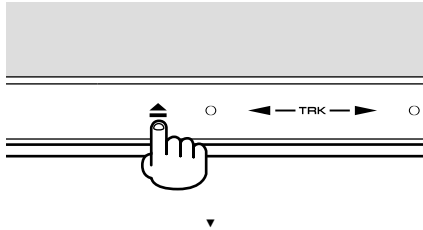


Screen monitor opens.

Insert the SD card until you hear a "snap"



Press the eject button



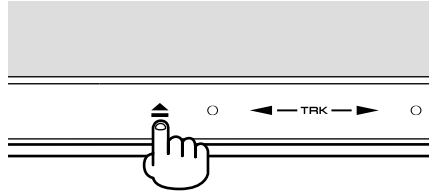
Screen monitor is closed.

Caution

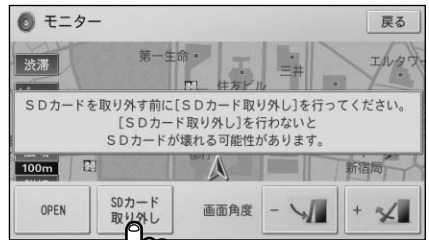
- Please do not press the eject button in a state in which the SD card is not fully inserted. It may damage the card (If you press the left eject button Ejects position of insertion of the SD card is not correct, a message is displayed on the screen monitor, voice guidance is carried out. Masu).

Removing the SD card-type

Press the eject button



SD card removal



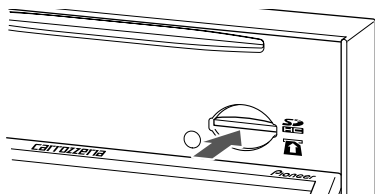
Screen monitor opens.

Caution

- If you remove the SD card, be sure SD card removal. Removing without touch, there is a possibility that the data on the SD card may be damaged.

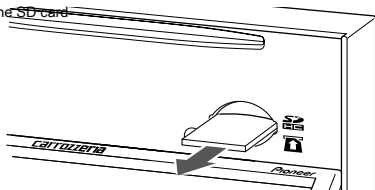
Continued on next page

Push in the SD card until you hear a "snap"

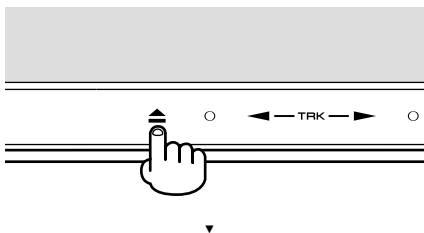


SD card will be pushed out.

And out of the SD card



Pull straight punching the SD card, press the eject button



Screen monitor is closed.



Caution

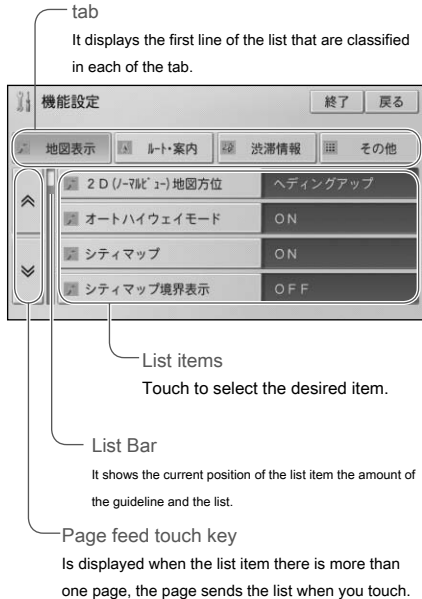
- Please do not press the eject button when it is not fully remove the SD card. It may damage the card (If you press the eject button when it is not fully remove the SD card, a message is displayed on the screen monitor, the guide will crack line by voice).
- SD card, press slowly the center, please wait immediately taken out.
- SD card taken out, you Runado put in a special case, please keep. In addition, by mistake so that there is no such as a swallow children, please also considered storage location.

List screen operation of

In this machine, it is displayed a variety of list screen in accordance with the use Functionality. It is useful to their respective remember of how to use.

基本的なリストの操作

Operation of the basic list



その他のリストの操作

Operation of other lists

50 operation of sound tabbed list

No side map



Side map there



Operation of information update touch key



Side map

List screen operation of Information update touch key
It performs a provisional selection of list items to display the item map of which chose to side map.

Operation of the indicator with a list



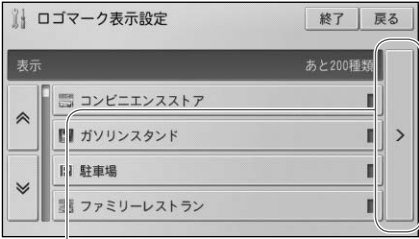
indicator
Indicator lights up when you touch, it indicates that it is being selected. When it again to touch indicator is turned off, it will be deselected.

Operation of the pop-up menu



Pop-up menu
It will be displayed in the case where there is a choice in the selected item.

Operation of the side menu

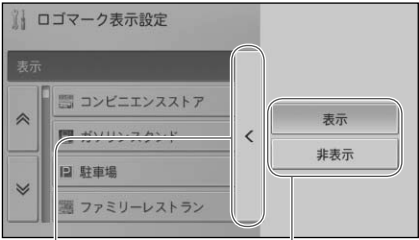


Side menu (open)
Open the side menu.

Operation of the type of check list



check mark
A check mark appears when you touch, it indicates that it is being selected. It removes the check mark Touch again to deselect it.



Side menu (Close)
Close the side menu.

Display of various menus

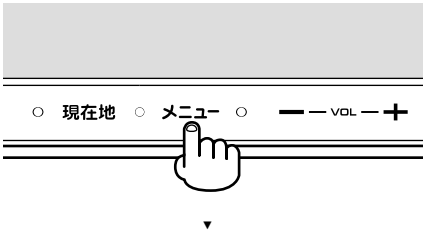
To use the various functions of this machine, you can view and interact with the various menu screens. For operation of each menu, for more information "Navigation & Audio Book" Please refer to the.

Display of the navigation menu

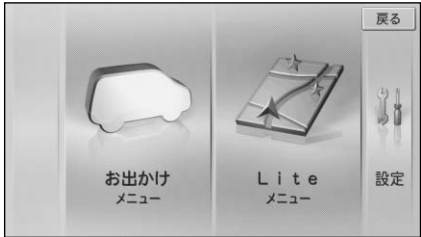
If you want to manipulate the menu related to navigation, to display the navigation menu.

Operation of the navigation screen

Pressing the menu button



Navigation menu appears.



Outing menu	variety of ways The menu is to look for.
Lite menu	ice to go and rest Run, super, it is the location menu of easy exploration Sutame necessary at home, such as daily life.

Configur	Ri was engaged in a variety of settings and editing of navigation, is the menu you see the various types of information.
----------	--

Outing menu



name	It looks for a location by entering the name.
Street a	It looks for a location by entering the address.
Genre	Looking for a place to specify the genre.
Surrounding fac	Look for the facility of the vicinity of the vehicle or route.
phone number	Look for a location by entering the phone number.
The location to which y	Probe from the location you have registered To do.
Recently looking for places	Footwear of place that looked ever Look for from gravel.
home	Set the home to the destination. If the home is not registered it will be at home registration screen.
Root erase	Guidance in to clear the route.

Lite menu



Haunt	well place to go
	You search for a route to the point that was registered as.
shopping	Such as the current location and scroll point, a shopping spot of location around that have been displayed on the map screen and genre search at the time to perform the operation, and route search.
Meal	Such as the current location and scroll point, the dining spot of location around that have been displayed on the map screen at the time to perform the operation and genre search, and search root.
welcome ho	To route search want to home. If the home is not registered it will be at home registration screen.

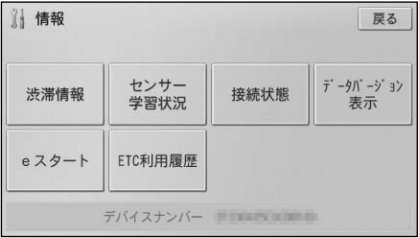
Display of various menus

Setup menu



informa	You can check the information of this machine.
Config	Settings for navigation to come.
Edit	It routes and registration areas, of data Erase You can like.

information



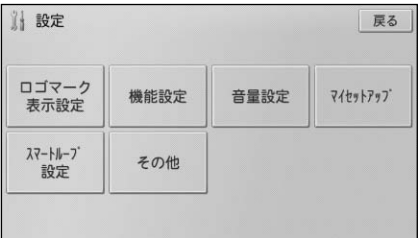
Congestion info	You can check and get traffic information.
Sensor learning situation	Learning status of the sensor can be checked.
Connection Sta	Connection status You can check the machine.
Data version display	You can check the version information of the map data that has been recorded on this unit.
e Start	of the operation on the day Status can be checked.
ETC usage history	unit (sold separately) to the unit. Connect the door, and you can check the ETC of usage history when the ETC card is inserted.



Memo

- ETC usage history. It is, if the ETC unit to the unit is not connected is not displayed.

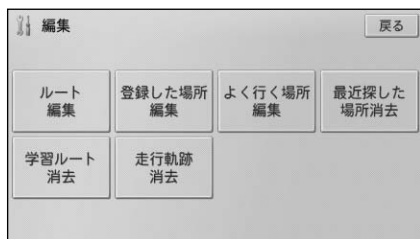
Configuration



Logo display setting	Set the logo to be displayed on the map.
Function setting	Set the navigation functions.
Volume settings	Set the guide volume and operation sound of navigation.

My setup	duration of the machine There line in accordance with the guidance.
Smart loop setting	You can set to use the smart loop.
Other	Camera and Iruminesho Nkara, vehicle information, and the setting of the vehicle position. It also e line setting initialization.

Edit



Route editing	Guidance in the Edit the route.
Place editing registered	location where you registered To do.
Well go place editing	well go location Edit the point where registered.
Recently looking for places erased	Recently looking for places footwear of It clears the gravel.
Learning route erasure	It clears the learning route.
Travel locus erase	It clears the traveling locus.
Orvis data erasure	software (~ P55) With the purchase the city, you can erase the Orvis data that was read into the machine via the SD card.



Memo

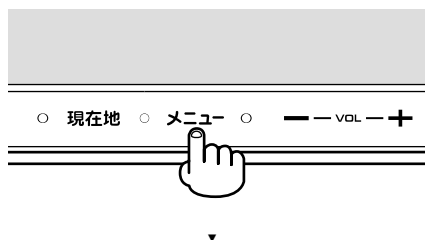
- Orvis data erasure there is no read to the data in this unit does not appear.

AVメニューの表示

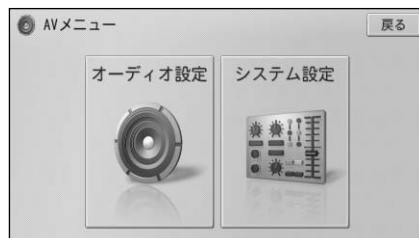
If you want to operate the menu on the audio, you can display the AV menu.

Orvis P17 The AV source screen

Pressing the menu button



AV menu appears.



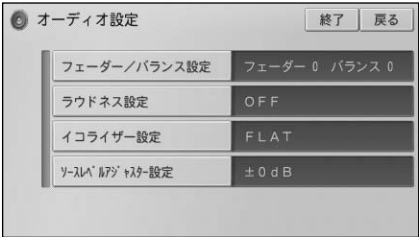
AUDIO SETUP	the sound of the audio Menu is used for.
System setting	Menu is used for setting the audio function.



Memo

- Transportation information (~ P45) Being received is, you will not be able to display the AV menu.

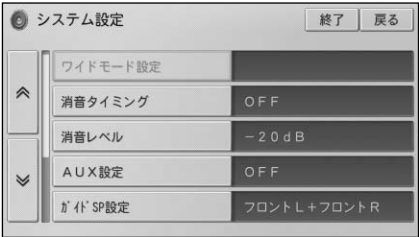
AUDIO SETUP



Fader / balance setting	Set the front and rear left and right volume balance.
Loudness setting	To Rutoki to correct the shortage of low-treble, and set it to sound that Meri Hari.
Equalizer settings	pared in advance Or use acoustic adjustment value (equalizer Zakabu), and the change of the adjustment value to your liking.
Source level adjustment	Switch the AV source When was, so that does not appear is a difference in the size of the volume, and set so that on the basis of the volume of the FM align the difference between the volume of each AV source.

Display of varLoudness setting listen in a small volume

System setting



Wide Mode setting	based AV source (iPod)
Mute timing	Make settings for screen display of the video, etc.). of voice plan Set whether temporarily or consumption or to reduce the sound of the audio at the time of the internal.
Mute level	If you set the mute timing, set whether or not erase Kamada to reduce how much the sound of the audio.
AUX setting	If that combines look at the external device such as a portable player to this unit, and whether Sina squid set to output audio and video.
Guide SP setting	ation of voice plan An inner, and set whether to output from any front speakers.
SD video output setting	ored in the SD card It was to set the display method at the time of the video file playback.
TV function settings	the elimination of the viewer setting You.
iPod widescreen	During iPod video data playback, and set whether or not wide-screen table Shimesuru.

Display the shortcut menu

Menu a collection of frequently used functions in the navigation is the shortcut menu. Shortcut menu has different content depending on the state of the screen you are viewing.

One Touch to



Shortcut menu in You are here



To register here	Register the current location to the machine.
Find surrounding facilities	Gas stations, stations, etc. The facilities you want to find, looks for from the area around the current position peripheral or root.
Another road switch	Concurrent general road and toll road And running the place are, in the case where the vehicle mark had riding on the actual and different species another road, it switches to the correct road type.
welcome home	And explore a route to home. If the home is not registered, to display the home registration confirmation message.

Shortcut menu in the scroll location



Go here	Go to the scroll position And explore the route.
To register here	Register the scroll position to the machine I will register.
Find surrounding facilities	Find gas station and the train station The facilities you want to find throat, looks from the peripheral scroll position.
welcome home	And explore a route to home. If the home is not registered, to display the home registration confirmation message.

Shortcut menu in the search location



Go here	Go to where the search was Lou And explore the door.
To register here	Register the searched location to the machine And recording.
Looking for more information	Names and addresses of the searched location Place, to display information such as a telephone number.
Find surrounding facilities	Find gas station and the train station The facilities you want to find throat, and look from the place around searched.



Memo

- To close the shortcut menu, Return

Or Touch

Display of

Operation of Lite menu

With the Lite menu, good place to go and the vehicle around the shopping etc. commute. Spots, such as the dining place, you can find the required location easy to everyday life.

Use of "good place to go" type

If you register a place to go well in daily life, and then guided to the location by a simple operation.

Li
te



Memo

Operation of Lite menu

- In good place to go is unregistered state, you will not be able to use the function. Please register in advance good place to go. Well go places you can register up to five. For details on how to register, "Navigation & audio book" - "registration and editing operation" - "Registering a location" Please refer to the.

One touch to go. (P28)

Touch to the desired location



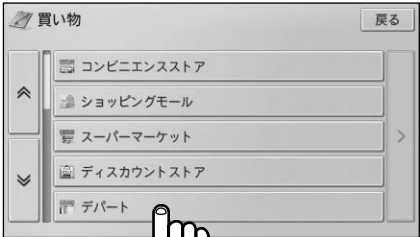
Route to the location chosen is search probe only one, when the search is finished to start the route guidance.

Use of "shopping" / "diet" type

When you want to shop and dine, and guided by the phlegm such operation.

One touch to go. Or. Meal. To touch. To Lite menu (P28).

Narrow the genre of shopping or dining



Touch to choose the purpose of the facility



Go here. Touch the



Guidance start To. Or remove the parking brake to touch the



To start the route guidance to the location where you chose.

Use of "welcome back" type

If and even carried out in advance of the home registration, will guide you to your home in even simple operations have to go out to the whole country anywhere.

To register your home

Or New of (→ P28) .. home. Touch
Leave your car at home, Lite menu
.. to



Memo

- When you are in a location other than the home, you can also register to display the home of the location on the map screen.

. Yes. . Touch the



Home is registered.



Memo

- Home of registration, you can also do my set up, going out menu, from the shortcut menu. For more information "Navigation & Audio Book" Please refer to the.

Come back home

One menu (P28).

Route to the home is searched for only one, to start the route guidance When the search is completed.



Memo

- Route search of the home, you can also do outing menu, from the shortcut menu. For more information *"Navigation & Audio Book"* Please refer to the.

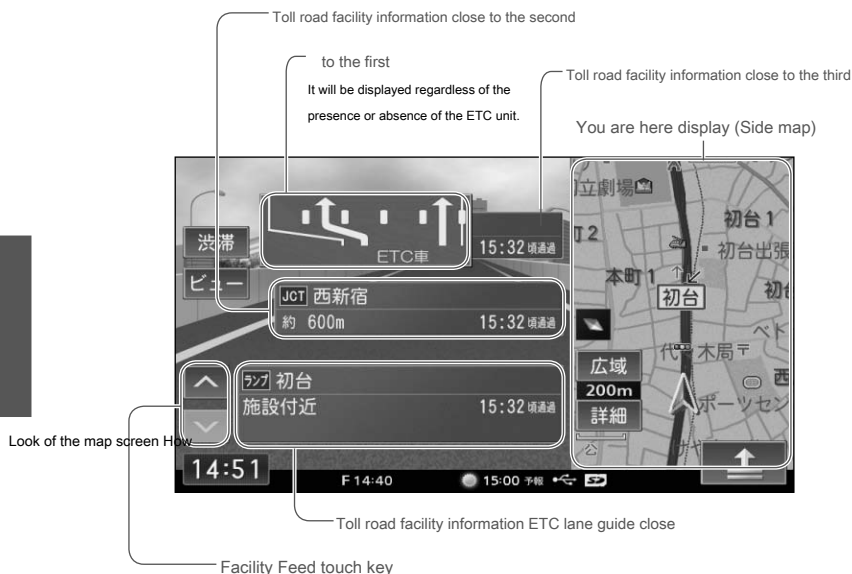
Operation of the menu

You are here screen (general road)

?

You are here screen (toll road)

This unit switches to automatically toll road dedicated screen and traveling on the toll road (auto highway mode). In the toll road, information of the facility will change according to the running of the car.



Screen changes to the cursor mode, it will send a toll road facility in order close from the current position. Use, for example, if you want to see the toll road facility close to the fourth.

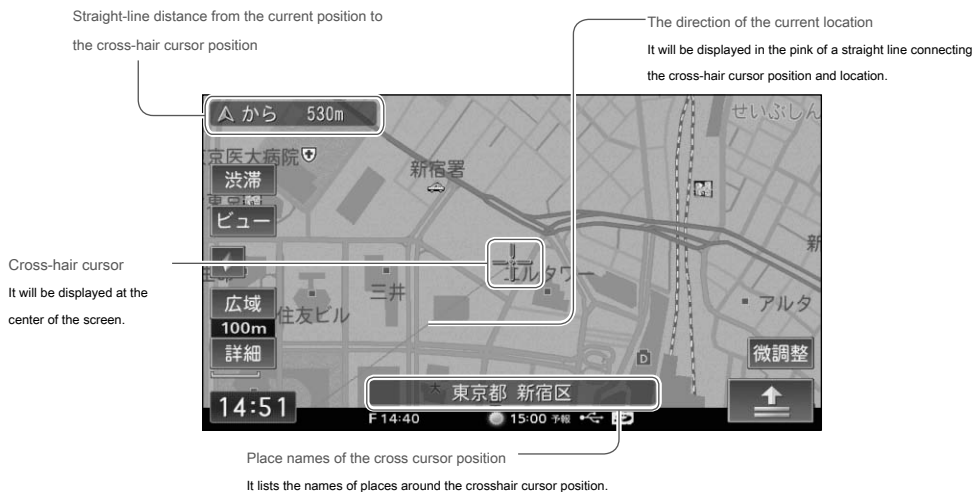


Memo

- Auto highway mode, the display of the ETC lane guidance, you can be ON / OFF. For more information "Navigation & audio book" - "Setting the navigation" - "function to the set." Please refer to the. For content to be displayed on the toll road facility
- information, more details, "Navigation & audio book" over "navigation basic operation" over "for the highway mode" Please refer to the.

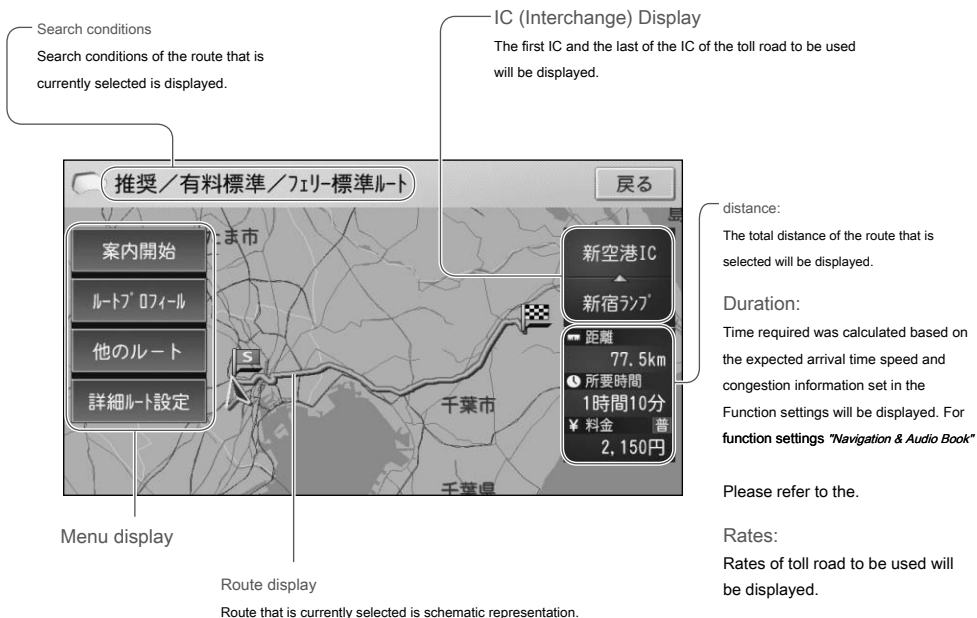
Scroll screen

When you touch on the map screen, touch the location moves the map in such a way that the center, in the center will display a cross cursor. Called "scroll screen" that of this screen.



Route guidance start screen

Upon determining the destination looking for a destination, or to start the route guidance, you will see the screen that allow you to check the route. Referred to as the "route guidance start screen" that of this screen.



Route guidance in the screen (general road)

Journey distance and estimated arrival time to the destination or stop-off place※

Route Information

Distance to the guidance point of up to two ahead, direction of travel, (if the data is not of the exchange satin name, "guidance land") intersection name will be displayed.

root

The set route, the general road is bright green (narrow streets is pink, toll roads is bright blue) will be displayed in.

The direction of the destination or the stop-off place

You are here and purpose
Chima others are displayed in pink of a straight line

connecting the place stop-off.
Look of the map screen flow

※.Whether to place a stop-off or the destination of the target, set by the function setting. For more information "Navigation & Audio Book" Please refer to the.

Direction sign display

Lane guidance display

The direction of travel of each lane will be displayed. Induction lanes, will be displayed in green (recommended lane is white arrow).

Route guidance in the screen (toll road)

Exit facility information

The remaining distance and time required to exit facility will be displayed.



Operation of the map

Move the map

You can move the map.

Or You want to watch location on the map.
Touch in the direction you want to see.



If you touch the desired location release your finger, the map will move to the location where you touch. If you keep you touch, we will continue to move the map in the direction you are touch.



Memo

- **Detailed street map (~ P40)** The case of running at the state, you can not move the map. Move your finger while touching the screen, you can also less dynamic map (enough to touch away from the crosshair cursor, the speed of movement of the map is fast no longer masu). However, it does not work only to the location where you touch while traveling.

To fine-tune the position

Setting the display mode of the map in the "normal view" (→ P41) If you are, once after you move the earth view can be in fine-tuning mode, you can adjust the exact position.

1. Tweak. Touch the



8-direction arrow appears.

Touch in the direction of the arrow you want to fine-tune



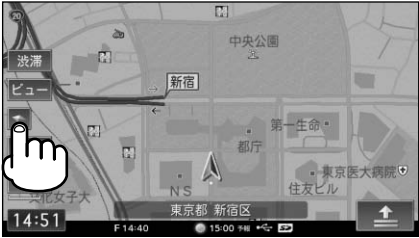
Memo

- **If you do the fine-tuning, the scale of the map (~ P40)**
If you leave the details, such as position adjustment to the point where the intricate will be easier to manipulate. It can not be operated while driving.

Changing the orientation of the map

You can change the orientation of the map.

Or touch the azimuth display touch key.



Each time you touch, will change as follows.

Operating of the map
Heading up ()



Map so that the direction of travel of the car is always in the above will be automatically rotated. The factory setting.



North up ()



North will be displayed at all times so as to be above.



Changing the scale of the map (the scale)
変える

The scale of the map (scale) can be varied in the range of 10m ~ 500km.

1.

. Or.

. To touch. To



Wide a To display a wider range of the map.

Detail It displays more detail map.



Memo

- If you set the scale of 10m ~ 50m, you will see a detailed map (detailed city map).
- Detail Ya Wide area If it continues to touch on, the scale will change in stages.
- Detailed city map is displayed only regional data in this unit has been recorded. For more information of the recorded data, for more information "Navigation & audio book" - "Appendix" - "City map (detailed city map) recording area" Please refer to the.

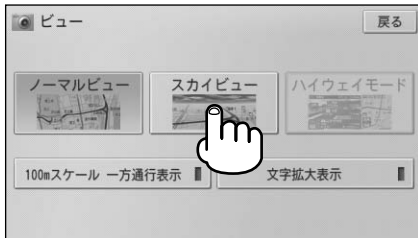
Changing the display method of the map

You can change the display method of the map.

1. View. Touch the



Touch to view mode you want to change



Memo

- Highway mode is a dedicated screen at the time of the toll road traveling. During the general road driving can not be selected.
- In the case of normal view or sky view, **100m scale one-way display** . Each time you touch, on the other hand you the way mark () can be set whether or not to display on the map. In addition, when To display setting, it will also be automatically changed to 100m scale of the map. However, if the scale of the map is of 10m ~ 50m, even if you set not to display are always displayed.
- Character larger image** . Each time you touch, you can set whether or not to expand the size of the character of the place name or facility name to be displayed on the map. In the current location screen, **View The**
- longer touch, you can **change** current map scale. Map was registered scale, during the display in case a and scale other than scale was registered in the current location screen, you can call by pressing the location button.

Switching can view mode

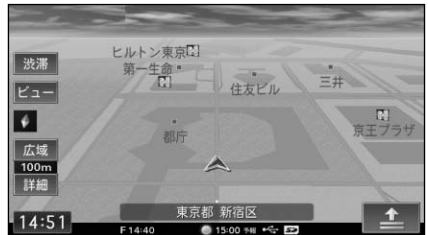
Normal view

Is a map of the plane. The factory setting.



Sky View (heading up fixed)

Map, such as those seen from the sky appears.



Highway mode

Is a dedicated screen that can be switched only when the toll road traveling.



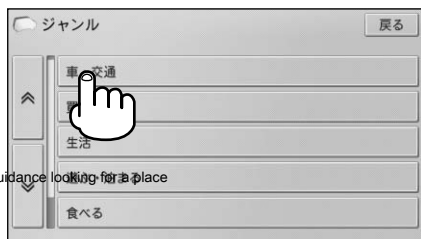
Operation

The route guidance looking for a place

In this machine, you can find the location from a variety of information, such as address and phone number. As an example in this document, it describes how to route guidance looking for Narita International Airport from "genre".

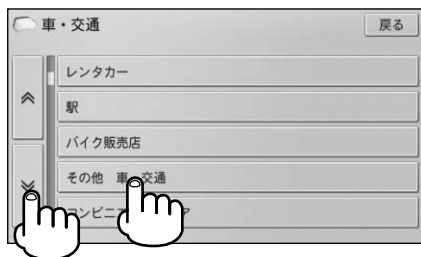
So, Genre. (P27).

Car and traffic. Touch the

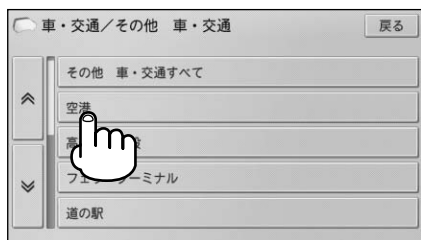


The route guidance looking for a place

Other car traffic. in the order of.



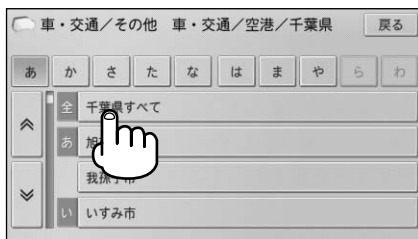
airport. Touch the



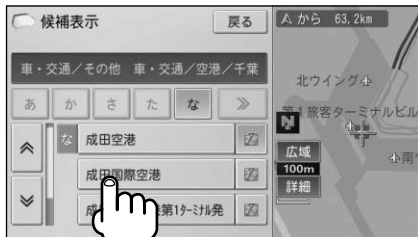
Chiba Pr Touch in the order



Chiba all. the



Narita International A. Touch the



Go here. Touch the



Guidance starts. On whether to touch, to release the parking brake



Route guidance to the Narita International Airport is Masu Mari Haji.



Memo

- When you arrive in the vicinity of the destination, route guidance will end automatically.
- Once configured route, does not disappear even when the power in such a break in the route guidance to the OFF (OFF the engine switch). Either the power arrived in the vicinity of the destination in the OFF (OFF the engine switch), will disappear and make the operation of the route manually cleared.
- For other search methods available in the outing menu, for more information "Navigation & audiobooks" - "Search" - to "look for a location" Please look.

To clear the route during the guidance

If you want to cancel the route guidance, please clear the route that has been set.

Root erase. Touch the

Root erase confirmation message is displayed. If you want to erase. Please Touch No. To continue the route guidance to s and erase touch.



Memo

- Root erase, root Edit menu (
- You can also do from.

→ P Twirling...

The route

To check the traffic jam information

Only during the route guidance, you can see the traffic jam information that is generated on the route. (Congestion check)

1. **Traffic** . Touch the



To check the traffic jam information

The length of the distance and congestion of up to congested places, traffic information, such as passing over the required time will be displayed and the audio guide map display and text.



Memo

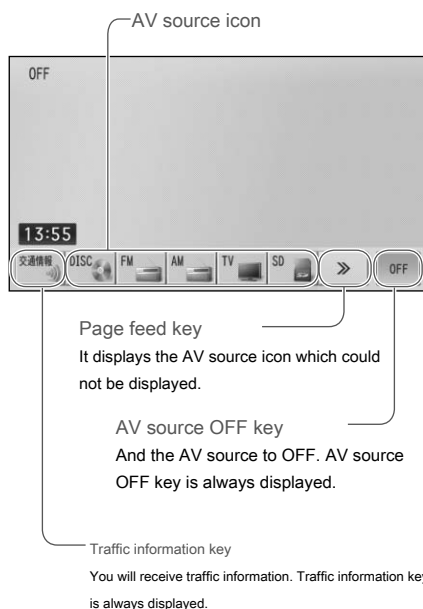
- The length of the congestion if the required time passing in less than 50m is less than 3 minutes, will not be guided. If the root of in the guidance is not, it
- will guide you through the only vehicle around. Regulatory information.
- **Traffic** : Each time you touch, you can guide the traffic congestion information to the front up to five locations on the route.
- When not receiving and congestion information when there is no traffic jam information, it will be announced as "Konosaki not cause any for a while congestion information".

The ON / OFF the AV source

Such as a CD or TV, it referred to as "AV source" that the audio and video functions of the machine. Also, it referred to as "AV source screen" that of each of the dedicated screen.

On the AV source screen

Touch the AV source icon of your choice



Memo

- In the case of the video-based AV sources, such as TV, Please operate from to display the operation touch keys by touching the screen once. (→ P47)
- AV source connected have no equipment and settings have not been will not be displayed.
- Even without the AV source to OFF, there is also AV source that can temporarily stop the playback. For more information "Operation of the AV source" (→ P47) Please refer to the.

For AV source to choose



Transportation information

You can receive traffic information of AM being broadcast, such as in the highway.



DISC (CD / ROM)

You can play the music disc, such as a ROM in which you saved the music CD or music files.



Memo

- It appears when you insert the disc. In addition, it is automatically selected as the AV source When you insert a disk.



FM

You can receive FM radio broadcasting.



AM

You can receive AM radio broadcast.



TV

You can receive one-segment broadcasting.



Memo

- If you want to watch for the first time after purchase TV, you need a channel scan. (→ P12)



USB

You can play music files stored on the connected USB memory.



Memo

- If playable file does not contain is in the USB memory, even if the connection does not appear.
- During USB use, it can not be that you use the iPod.



iPod

You can play music files and video files in the connected iPod.



Memo

- For the sake of convenience in this document, iPod, has been referred to the iPhone and iPod.
- It appears when you connect the iPod. In addition, it is automatically selected as the AV source When you connect the iPod.
- iPod in use, USB, can not be Rukoto such your the AUX.
- If you want to use your iPod is, USB conversion cable (for AV) for iPod (sold separately) is required "CD-IUV51M".



SD

You can play the inserted music files and video files stored on the SD card.



Memo

- If there are no playable files in the SD card, be inserted does not appear.



AUX

You can play and connected external audio equipment.

The ON / OFF the AV source



Memo

- **System setting (→ P30) In, it does not appear and do not** set the AUX setting to ON. During AUX use, it can not be
- that you use the iPod.

Operation of the AV source

Operation of the video-based AV source

When Ru is switched to the video-based AV source (such as TV), to only the video screen is displayed at the beginning. If you want to work, to display the operation touch keys.

Operation of the video-based AV source



Operation touch key is displayed.



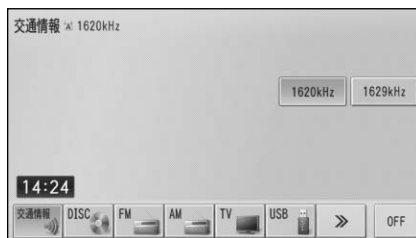
Memo

- **View** can de-Succoth to touch the operation touch keys to.
- In TV, the beginning to the simple operation screen (~ P48) There appears, return and nothing about 8 seconds does not do any operation with the screen of the video only.

Operated by touch key

Operation touch keys will differ for each AV source. You can operate it by direct touch.

Transportation information



1620kHz the frequency of the traffic information
You to.

1629kHz the frequency of the traffic information
You to.

CD, ROM (WMA / MP3)

Basic operation screen (for example: CD)



list display the list screen.

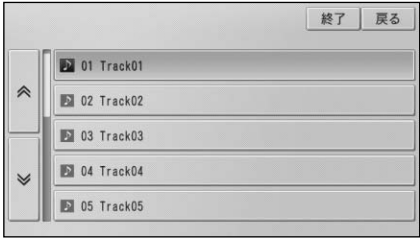
Stop During playback is paused. Stop one o'clock
During the stop and then resume playback.

repeat Repeat the track being played.

random song of the inserted the CD in random order
And raw.

Continued on next page

List screen (for example: CD)



Return / End	return to the basic operation screen. Directly touch the list item display item
	Then playback will start.
Left Arrow / Right Arrow	will send a list item.

Radio (FM / AM)

Basic operation screen (for example: FM)



Operation of the AV source

The list item display	item directly touch
	To receive want the broadcast to switch. Register the frequency chosen to be long touch the user pre-set.
Left Arrow / Right Arrow	It will send a list item.
Left Arrow / Right Arrow	It sends a frequency. Long and automatically looking for a broadcasting station touch, is stopped for to receive.
Preset switching	Registering station that the user has registered
	It switches the list (user presets) and of the vehicle around that are registered in advance to the machine release Okukyoku list (area pre-set).
band	Switching the two bands. Masu.
BSM	A good reception state broadcasting station automatically Locate and then registered in the user pre-set.

TV

Simple operation screen



Directly touch the list item display item	To do. Register the chose the longer touch the broadcasting station to the user pre-set.
Left Arrow / Right Arrow	will send a list item.
Detail	It displays the basic operation screen.
View	turn off the operation touch keys.

Basic operation screen 1



End	To turn off the operation touch keys.
Return	To return to the simple operation screen.
Directly touch the list item display item	Then you will receive the broadcast. Length rather chose to touch to register the broadcasting station to the user preset.
Left Arrow / Right Arrow	will send a list item.
Left Arrow / Right Arrow	sends a three-digit channel.
	Automatically look for the physical channel
	A long touch, it will stop and that will receive.
Preset switch	User Normally the camera works in the station list registered (user presets) and the broadcasting station list of the vehicle around that have been pre-registered on the machine (area preset).

Service switching	service of the same broadcasting station Masu the camera works.
A TV sched	To display the program guide.
Program conte	To display the contents of the program being watched You.
next page	displays the basic operation screen 2.

Basic operation screen 2



End	To turn off the operation touch keys.
Return	To return to the simple operation screen.
scan	to a good reception state broadcaster To look for, and register the user pre-set.
Subtitle switch	If the program you have multiple subtitles, You can switch the subtitles.
Voice switching	If the program you have more than one voice, It switches the voice.
Previous page	It displays the basic operation screen 1.

files)

SD / USB (music)

Basic operation screen (example: SD)



Six During playback is paused. Time

During the stop and then resume playback.

repeat at Play the specified range

You.

random not within the specified range repeat

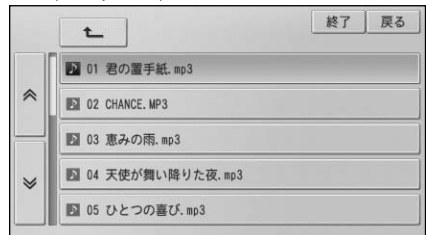
Play the same.

list display the list screen.

video

(SD only) display the operation screen of the video file

List screen (example: SD)



Return / End return to the basic operation screen. Directly

touch the list item display item

Then playback will start. It displays the one

↑ on top of the hierarchy.

📁 will send a list item.

SD (video file)

Basic operation screen



10 key search	Want to see by specifying a playback time
	Look for the surface.
Six	During playback is paused. During pause, and then resume playback.
Set	To stop playback.
repeat	repeat the specified range
	To do.
list	To display the list screen.
Music	on screen of the music files
	Displays.
View	To turn off the operation touch keys.

List screen

Operation of the AV source



End	To turn off the operation touch keys.
Return	To return to the basic operation screen.
Directly touch the list item display item	
	Then playback will start. It displays the one
↑	on top of the hierarchy.
↖	will send a list item.

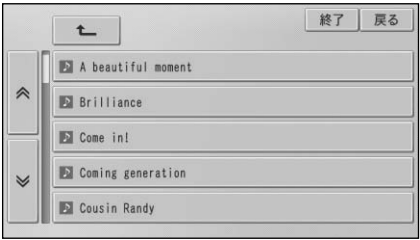
iPod music

Basic operation screen



Control mode switching	Whether to perform iPod operations from this unit, and set whether to perform the iPod body.
Six	During playback is paused. During pause, and then resume playback.
↺	Play repeat the specified range.
(repeat)	
↻	Within the specified repeat range will play in random order.
(shuffle)	
list	To display the list screen.
video	To display the list screen of the iPod video.

List screen



Return / End	return to the basic operation screen. Directly
	touch the list item display item
	Then playback will start. It displays the one
↑	on top of the hierarchy.
↖	will send a list item.

iPod video

Basic operation screen



Control mode switching Whether to perform iPod operations from this unit, and set whether to perform the iPod body.

Six During playback is paused. During pause, and then resume playback.

(repeat) Play repeat the specified range.

(shuffle) Within the specified repeat range will play in random order.

list To display the list screen.

Music music

To display the screen.

View To turn off the operation touch keys.

List screen



End To turn off the operation touch keys.

Return To return to the basic operation screen.

Directly touch the list item display item

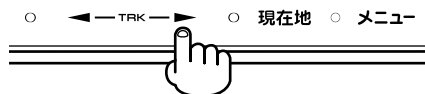
Then playback will start. It displays the one on top of the hierarchy.

will send a list item.

Operate the buttons on the body

For some of the functions of each AV source, it can also be operated using the buttons on the body. It is also different contents to be operated by the press how the button.

Or **press the button**



Press CD / ROM (WMA / MP3)

Track down / up

Press and hold **Rewind** / fast forward

Press FM /

AM Preset down / up

Press and hold **Seek** down / up

Keep pressing **Nonstop seek** down / up

Press traffic

information 1.620kHz / 1.629kHz switching

Press

TV Preset down / up

Press and hold **Physical CH** seek down / up

Press

iPod Chapter down / up or track down / up

Press and hold **Rewind** / fast forward

Keep pressing **It remains of rewind** / fast-forward.

(Video file during playback only)

Press SD /

USB File down / up

Press and hold **Rewind** / fast forward

Operation

Smart Loop

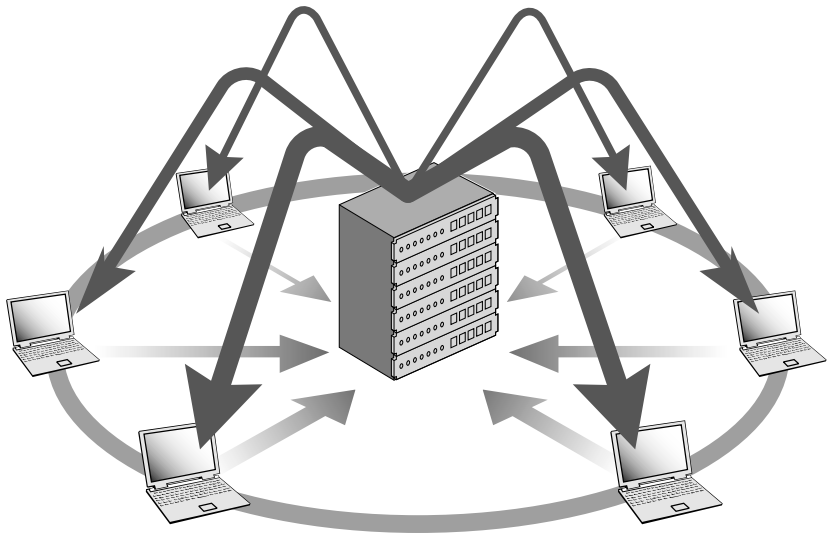
About Smart Loop

The "smart loop", we provide from customers who then use registration "probe information ※ (Travel history data)", "the accumulated management on a dedicated server, is the information sharing system to be delivered to the smart. Loop join user is added to its own data.

Information that can be acquired as the "Smart Loop traffic congestion information", VICS information (congestion, regulation, parking, SA / PA information) and, probe traffic information (current state congestion information, travel history of the past three months from the real-time probe server traffic jam information) generated from, it can be reflected in, such as the route search, estimated arrival time. ※ ..

The probe information, the data, such as location, time, road conditions that is collected through the vehicle. In the smart loop, in order to obtain a more accurate traffic information, we have received the offer of the probe information from customers.

Smart Loop



Use images using a computer link software "Navi Studio (for Rakunabi Lite)"



To take advantage of the smart loop

This section describes the necessary steps in order to use the smart loop.

Step One

The customer registration and access to the following URL in that can be connected personal computer to the Internet

<http://pioneer.jp/support/members/>

Step Two

The smart loop setting (→ P53)

Step Three

To use the downloaded Smart Loop traffic congestion information

(→ P54)



Memo

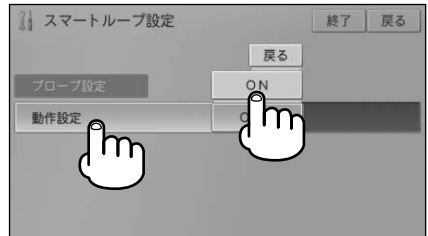
- For more information about your registration, please visit our website.

The smart loop setting

Make the smart loop configuration.

On the Smart loop setting. To touch in the Settings menu (→ P28),

Operation s g. Touch. To



ON the travel history data at home around

It will automatically save to the card.

OFF Smart Loop is not available.



Memo

If you change from "ON" to "OFF", erase confirmation message of the probe information that is stored in the machine is displayed. If you want to change the setting. Yes, If you want to cancel. No. Please Touch.

Smart loop configuration is complete. And later, the SD card to the travel history data is saved and set to the personal computer, info charge of Na Bisutajio (→ P55) You go to download the Smart Loop traffic congestion information to the SD card from. Again.

ダウンロードしたスマート
ループ交通渋滞情報を利用する

The downloaded Smart Loop traffic congestion information was then used in this machine.

Smart Loop traffic congestion information, info charge of pre-na Bisutajio (→ P55)

You continue to download to the SD card from. Again.

01 (→ P22) insert the SD card into the machine.

Smart Troop congestion information that you downloaded to the SD card is reflected in the map. Masu.

Smart Loop



PC link software

When the PC Link "(for Rakunabi Lite) Navi Studio" software Nuo had use your (Navi studio and later), the latest map data and Smart Loop traffic congestion information, weather live, the music data automatically is acquired via PCs , it will be saved to the SD card. Stored data and information can be automatically reflected only by inserting an SD card into the machine.



Memo

- Your use of the Navi Studio, Customer Registration (→ P9) Is required. Please be sure. Your use of the Navi Studio, requires a minimum of SDHC card 8GB. If the personal computer that you use our is not compatible with the SDHC card, please use a commercially available USB adapter.

About operating environment

Up to a PC that meets the following conditions, you can use.

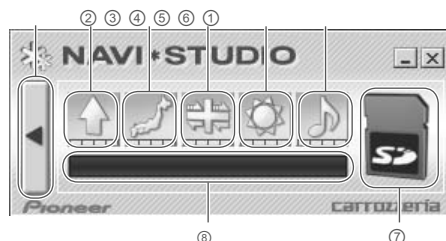
OS	Windows.XP.Home / Professional.SP3. Later	Windows.Vista.Ultimate / Business / Home.Premium / Home.Basic.SP1. Later	Windows.7.Ultimate / Professional / Home.Premium later
memory	512MB or more	1GB or more	
CPU	More Intel.Pentium®.III.600MHz		More Intel.Pentium®.III.1GHz
hard disk 8GB or more of free space.			
display Resolution 1024x768 · Color Depth 16-bit (65536 colors) or more			
Other	InternetExplorer6 or later must be installed. .		InternetExplorer8 or later must be installed.

※ Macintosh is not supported.

The main function of the navigation studio

Each of the detailed description, please refer to the online help navigation studio.

Navi Studio launcher screen



① menu display

To display the various menus, configuration updates and data download of various types of information, setting of music transfer, display of each species WEB page, you can make the display of the online help.

② probe information upload

Travel history data of the machine that has been saved on the SD card will be automatically uploaded to a dedicated server.

③ map charge

Download the difference information of the map data, and automatically saved to the SD card.

④ info charge

Download the Smart Loop traffic congestion information, and automatically saved to the SD card.



Memo

- In advance smart loop setting (→ P53) Please set in the. ON. Smart Loop is not available in the state of OFF. Congestion information acquisition range, will be the last from this unit only in the vicinity of where you remove the SD card.

⑤ weather live

Download the weather forecast information throughout the country, and then automatically stored on the SD card.

⑥ My Music charge

Transfers manually or automatically specified location music files stored in (My Music, etc.) (WMA / MP3) in SD card in the PC. After the transfer, you can play by changing turn off the AV source to "SD".

⑦SD card management function

Removing the SD card, such as a treatment interruption, you can manage the operation of the SD card.

⑧ situation display unit

Progress of each function (such as upload / download / transfer) will be displayed.

PC link software

For setup アップについて

Navi studio setup is done in the jar good following.

0 (→ P22) insert the SD card into the machine

When you insert the first SD card after purchasing the unit, SD card registration confirmation message is displayed.

Yes. Touch the



PC link software Data necessary for the use of the navigation studio will be written to the SD card, it will be registered to the projector for Nabisutaji Oh.

Memo

- No you touch, you can not become your for registration is not performed Navi studio.

Confirm . Touch the



Memo

- SD card registration confirmation message will not be displayed after the once registration has been completed. If you want to change the beginning SD card that was registered to a different one, the function setting "SD card registration

Confirmation message display "a should be set to ON. → "Setting the navigation", "navigation & audio book" sitting - "function to the set."

- In advance, please release the write protection of the SD card. (→ P59)

It is set to remove (→ P23) ., personal computer the SD card

Automatic execution selection dialog is displayed.

Click the "NAVI * Start STUDIO.Raku-Navi .. Lite"

Initial launcher appears.



Memo

- In Windows.7, you can not program automatic start from the external memory device. Installation instructions for more information on Windows.7, the download page "install manual" Please refer to the.

"Download" button. Click to

Automatically WEB browser launches and displays the download page of Navi studio.

Download the setup file of "Navi Studio (for Rakunabi Lite)"

since, Please Follow the instructions on the installation wizard. Start Navi studio after the installation completed, the initial start-up time of your registration / confirmation screen is displayed. Please operate according to the current of your registration status.

Setup is complete, you will see the navigation studio La launcher screen.



Memo

- After the setup is complete, Navi studio launcher screen will be displayed after step 5 operation. Detailed explanation of how to
- install and initial start-up time of your registration / confirmation screen, the download page "install manual" Please refer to the.

Precautions of handling

Correct use of the LCD screen how

Precautions of handling

- And put a commercially available liquid crystal protection film, there may be a hindrance to the operation in the touch panel.
- **LCD screen please use it in within the specified temperature range.** (→ P63)
- A long period of time when used in the state exposed to direct sunlight, become hot, there may be a possibility that the liquid crystal screen to fail. Please do not be exposed to direct sunlight as much as possible.



- LCD screen, it has become exposed in order to improve visibility in the car. Since it will failure to danger, Do not press against the LCD screen. Again.
- Since it becomes a cause of scratches and dirt, when you touch the LCD screen, please be sure to touch at your fingertips.

For LCD screen

- LCD small black dots or brightly shining point (bright spot) in the screen might cause. This is not a failure on the LCD screen of the peculiar phenomenon.
- When the direct sunlight on the LCD screen, the light is reflected the screen is difficult to see, please blocking the direct sunlight.
- If the ambient temperature is used with low status, there is the image quality that Ri a conspicuous characteristic on the afterimage of the liquid crystal is deteriorated. If the ambient temperature is Takamare will return to the normal image quality.

For LED backlight

- Mid-summer and the scorching sun, and the warm air of the air-conditioned monitor portion becomes a high temperature state when direct monitor section, for the LED protection, you may automatically narrow down the brightness of the backlight.
- The life of the LED backlight is more than 10,000 hours, but when it comes to your under high temperature life might short Kunar.
- When the LED backlight is the life, the screen may become dark, or no longer picture appears. Please contact your dealer or repair reception desk (Okinawa only Okinawa service certified shop) at this time.

Cleaning

- When cleaning the dirt of dust and LCD screen attached to the LCD screen, turn off the power, please wipe from with a soft clean cloth.
- When wiping the LCD screen, please be careful not to scratch with nails. The video will be hard to see when the scratch on the LCD screen.
- Please do not wet cloth, or a chemically treated cloth is used. In addition, the volatile chemicals such as benzene or thinner Please do not use.

Precaution

Correct use of a disk-type

Precautions of handling

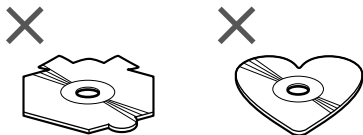
- Please use marked with the disk of the following mark.
- CD



- Cracks, scratches, please do not use a sled disk.



- Disk of special shape, do not use. This may cause a malfunction.



- When you have a disk, please do not touch the recording surface (surface on which the glowing colors of the rainbow).
- Please do not to scratch the disk.
- Please do not attach pieces of paper or stickers to the disk.



Precautions of handling

- When you use a disk that can print on the label surface, please check the instructions and precautions of the disk. Depending on the disk, you may not be able to be inserted or taken out. The use of such a disk, will lead to a failure of the machine.

- The disk, please do not paste a commercially available label.
- Caused warp in the disk, will cause such that can not be reproduced.
- When the label during playback come off, the disk is no longer taken out may cause a failure of the machine.

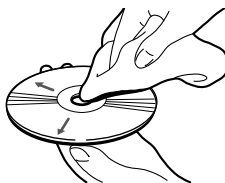


Memo

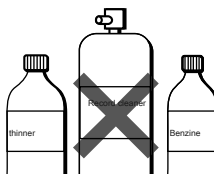
- We care on product design, but walk on the mechanism is due to the handling of the use of environment-disk, it may scratch the extent there is no practical use hindrance to the disk surface is attached. This is not a malfunction of the product. Please understand as a general exhaustion.
- For the type and file format of the disc that can be played.
"Navigation & Audio Book "over" Appendix "Please refer to the.

Cleaning

- When a disc becomes dirty, with a soft clean cloth, please wipe lightly toward the inside of the disc to the outside.

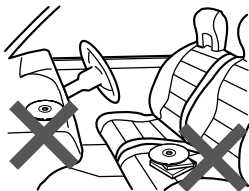


- To disk, please do not apply volatile chemicals such as benzene or thinner. In addition, the disk, cleaner for analog phonograph record, please do not use, such as anti-static agent.



Precautions storage

- Disk, in the place to be and high-temperature place exposed to direct sunlight, please do not keep.



- So the disk is not the sky, please keep input is always the case.

About the environment of the disk playback

- You may not be able to read the data on the disk exactly the vibration during travel.
- When the temperature is low, and begin disc playback immediately after you put the heater, with a dew on the lens or disk inside the unit, you may not be able to normal playback or to. Such a case, please wait until the dew to natural self was allowed to stand for about 1 hour can be taken. Please wipe with a soft cloth dew attached to the disk.
- Work is the protection function becomes hot, the disc will stop playing.

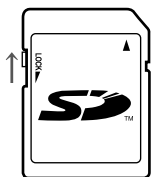
Correct use of SD card-type

Precautions of handling

- The place to be and high-temperature place exposed to direct sunlight, please do not keep.
- Bend, or give a shock, please do not to fall. This may cause a malfunction.
- Please do not touch with wet hands. This may cause a malfunction.
- Please do not touch the metal or hand the terminal part. This may cause a malfunction.

data For protection of

- When etc. important data that have not been backed up is stored, please LOCK Slide the Light Protect (write-protect) switch.



書き込み、消去可能



書き込み、消去不可

Notes on USB devices

Precautions of handling

- If allowed to stand for extended periods where you hit the USB device in direct sunlight, or deformation and discoloration by high temperature, there is a risk of failure. When not in use, please keep in the place where not exposed to direct sunlight.
- If you want to use in combination with the present machine, USB equipment please be sure to fixed. USB device is defeated drop, it is very dangerous and slide under the brake pedal and the accelerator pedal.

Precautions connection

- Some USB devices to be connected, it may give the effect of noise on the radio.
- You can not use USB memory that made the partition.
- Depending on the type of USB devices that you want to use, and there is a case that the unit can not be properly recognized. In addition, you may not be able to correctly play a song or video.
- It does not support the connection of using a USB hub.
- Other than USB memory (such as a USB fan) Please do not connect.

Precautions of handling

Notes on iPod

Precautions of handling

- If left standing for a long time in the place hit the iPod in direct sunlight, or deformation and discoloration by high temperature, there is a risk of malfunction. When not in use, Be sure to keep it in the place not exposed to direct sunlight.
- If you want to use in combination with the present machine, iPod please be sure to fixed. iPod may fall, it is very dangerous slip Komu Ri under the brake pedal and the accelerator pedal.

Copyright

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Failure kana? If you think

Before calling for service, please check the following contents. If this does not resolve the problem even if the check is, "warranty and after-sales service." (→ P62) Please ask your reading to be repaired. (In this document, we describe the product common content. For navigation and audio-specific items, "Navigation & Audio Book" - "Appendix"

- "Troubleshooting" Please refer to the.)

Power does not turn, do not work

Cause	treatment
Noise, etc. is a built-in microcomputer in the cause malfunctioning.	Dealer or repair reception desk (Okinawa only, Okinawa service sure Teimise) please consult. (→. Back cover)

Not out video

Cause	treatment
Not the parking brake. Please take the parking brake.	

No sound of audio

Cause	treatment
Volume is set to 0.	Please raise the volume. (→ P16)
Connection is wrong.	Please check the connection. → "installation instructions"

You can not adjust the navigation guide voice

Cause	treatment
It is operating the buttons on the main unit. Guidance volume, earpiece volume of the navigation, and the adjustment of the incoming volume	Failure ka ON / OFF of the operation sound, and adjust the settings menu of navigation. → "Navigation & Audio Book," "set of navigation" sitting - "the volume setting of navigation."

LCD screen is dark, hard to see

Cause	treatment
Adjustment of the "brightness" is not appropriate. Please adjust the "brightness". (→ P19)	

Warranty and after-sales service

保証書 Warranty card

Warranty card, your purchase date, after such as store name is make sure you that you have been entered, please received from the dealer at the time of your purchase. Or there are omissions in the warranty card, or when you lose your warranty will void the warranty even during the warranty period. Please read the description, please keep it.

保証期間 Warranty period

The warranty period for this product is one year from the date of purchase.

修理について Repairs

This unit does not receive a business trip repair for bringing in goods. Please for the take-off repair service your advantage. (It will be taking over in a state where I am removed from the car. Moreover, postage will be borne by the customer.)

For repairs during the warranty period

Should, when a fault occurs, we will repair based on our warranty provisions are described in the warranty card. Your dealer or repair reception desk (Okinawa only, Okinawa service authorized bicycle dealers), please contact. Location, please refer to the "Guide of the service window" that comes with the phone number this unit.

For repairs after the warranty period

Your dealer or repair reception desk (Okinawa only, Okinawa service authorized bicycle dealers). Please consult a. For products that can be used if the repair, we will repair for a fee upon request.

Warranty and after-sales service

Desorption from the car for (your removal · Contact mounting)

You bring to our repair centers is, in a state in which the removal of the product from your car, we thank you. It should be noted, desorption Sahisu from the car of this product at the time of the repair are not accepted in our company. For desorption from your car, please consult to your dealer and installation shop.

修理可能な性能部品の最低保有期間 Minimum holding period of repair performance parts

The Company, the repair for the performance part of the unit, owns at least six years after the end of production. (The performance unit products are components necessary for maintaining the functionality of the product.)

不明点 Questions, please contact us

If you have any questions about this unit, please contact us consult the Pioneer Customer Support Center or your dealer.

specification

♦ common unit

Use voltage	14.4V.DC
	(10.8V ~ 15.1V available)
Earth system	negative ground system maximum current
consumption	10A

♦ navigation body (GPS unit)

Receiving system	32 channels
	Multi-channel receiving system

♦ audio part

Maximum output	50W. × .4 load
impedance	4Ω
	(4Ω ~ 8Ω available)
Equalizer.	
(5-band graphic equalizer)	
Frequency	100Hz./315Hz./1.25kHz ..
	/3.15kHz./8kHz
Adjust width	± 12dB (2dB / step)

♦ external I / O

Video input and output level (AUX)	1.0Vpp ± 10%
	(Signal: .White.100%)
External audio maximum input level (AUX)	2.0Vrms below ...

♦ CD player mechanism part

Supported media	CD-ROM, CD-DA, CD-R / RW decoding
format	
MP3	MPEG-1,2,2.5.AUDIO.LAYER-3 WMA
	Win
dows..Media.Audio .ver.9.2 frequency characteristic	
.....	20Hz ~ 20,000Hz.
	(+ 0.1dB ./- 1.0dB)
S / N	96dB (1kHz) (IHF-A network) dynamic range
.....	94dB (1kHz). harmonic distortion rate
.....	0.008% (1kHz).

♦ FM tuner section

Reception frequency band	76.0MHz ~ 90.0MHz voice
.....	stereo

♦ AM tuner section

Reception frequency band	522kHz ~ 1.629kHz (9kHz) voice
.....	monaural

♦ TV tuner section

Broadcasting system	terrestrial digital broadcasting system (Japan)
receiving channel	470MHz ~ 770MHz
	(UHF 13ch ~ 62ch)
Antenna input	50Ω × 1

♦ monitor unit

Screen size	7.0-inch wide VGA number of pixels
.....	1.152.000 pixels
	Horizontal 800. ×. Vertical 480. ×. 3 (RGB)] method
.....	TFT active matrix system backlight ..
.....	LED light source used temperature range
.....	-10 °C ~ + 60 °C storage temperature range
.....	-20 °C ~ + 80 °C

♦ terrestrial digital TV film antenna

Use power	DC8V output terminal
.....	dedicated plug × 1

♦ SD card section

format.....	.Ver.2.0 maximum memory
capacity	32GB file system
.....	FAT16 / FAT32 decoding format MP3
MPEG-1,2,2.5.AUDIO.LAYER-3 WMA	
Windows.Media.Audio.	

	.ver.7,8,9 (2ch.audio)
AAC	iTunes.ver..7.6 (AAC-LC)

♦ USB part

Supported Media	USB2.0.High.Speed maximum
current	500mA maximum
memory capacity	16GB file system
.....	FAT16 / FAT32 decoding format MP3
MPEG-1,2,2.5 .AUDIO.LAYER-3 WMA	
Windows.Media.Audio.	

	.ver.7,8,9 (2ch.audio)
AAC	iTunes.ver..7.6 (AAC-LC) USB.CLASS
.....	MSC
	(MASS.STORAGE.CLASS)

specificat

♦ Dimensions

Body (mounting) Dimensions	178 (W) mm ..
× .100 (H) mm. × .167 (D) mm	
Body nose size	171 (W) mm ..
× .97 (H) mm. × .18 (D) mm	
GPS / digital terrestrial TV (one-segment) composite film antenna	
Film antenna unit	115 (W) mm ..
× .75 (H) mm. × .04 (D) mm	
Power supply unit	48.1 (W) mm ..
× .17.6 (H) mm. × .7.5 (D) mm	

- ◆ mass

Body 2.4kg

- ◆ accessories

GPS / digital terrestrial TV (one-segment) composite film antenna ✖
..... 1 set mounting kit ✖ 1 set
cords ✖ 1 set USB · AUX conversion cable
..... 1

Start book	1
Navigation & audio book	1
Installation instructions	1
Please note	on safety 1
Guidance	service representative 1
Warranty	1

✖ .. For details, "*Installation instructions*" A visit Kedah Sai.

VICS information Pay-TV Service Agreement

Chapter 1 General rules

(Application of the Terms and Conditions)

Article 1. Vehicle Information and Communication System Center

(Referred to below as "the Center".), Based on 4 of the provisions of the Broadcasting Act (1950 Law No. 132) Article 52, referred to as the VICS information Pay-TV Service Agreement (hereinafter referred to as "this Agreement" masu.) define the, This will provide the VICS information pay-TV service. (Change of Terms and Conditions)

Article 2. The Center, subject to change this agreement

Ri you. In this case, it provided the conditions of service is dependent on the VICS information pay-TV service contract agreement after the change.
(Definition of terms)

In Article 3. This Agreement, each of the following terms are next

Used in the sense of.

(1) VICS service

In order our center has been a subscriber in use of the automobile, it is transmitted from the FM multiplex broadcasting stations, pay-TV services of road transportation information

(2) VICS service contract

Contract for Keru received an offer from the Center VICS service

(3) subscriber

A person who has entered into our center and the VICS service contract

(4) VICS descrambler

Equipment for decoding the scrambled (disturbance) radio wave from the FM multiplex broadcasting stations, and possible the viewing of the broadcast program

Chapter 2 types of services, etc.

(Kind of VICS service)

In Article 4. VICS service, there are the following types.

(1) character display type service

Character by displaying a road traffic information form of service

(2) Simple graphic display type service

Service in the form state to display a road traffic information by a simple graphic

(3) map superposition type service

Form of service to be superimposed display the information on a digital road map with the vehicle-mounted device

(Provision time of VICS service)

Article 5. The Center, roughly one week as a general rule 120

It provides a time or more of the VICS service.

Chapter 3 contract

(Units of the contract)

Article 6. The Center, one VICS descrambler

We signed a 1 of VICS service contract for each. (Providing the area of services)

Providing areas of Article 7. VICS service, of the Center

And the radio waves can be received regional (within a range that generally it is possible to receive the NHK-FM broadcasting in the area of all prefectures). However, the even service provision area, you may not be able to be utilized VICS service by the situation of radio waves.
(Establishment of the contract, etc.)

Article 8. VICS service, VICS correspondence FM receiver

By you purchased (FM receiver VICS descrambler is incorporated), assumes that the application only and acceptance of the contract has been made, the subsequent subscribers are those that can and child receive the provision of continuous service will do. (Change of type of VICS service) Article 9. Subscribers, corresponding to the type of VICS service

By purchasing the VICS-compatible FM receiver, you can make a change in the type of VICS service shown in Article 4. (Assignment or succession of the status of the contract) Article 10. Subscriber, rights as a subscriber to third parties

You can make a transfer or succession of position.

(Cancellation of the contract the subscriber does)

Article 11. The Center, a subscriber to the following cases: a VICS

Deemed to have canceled the service contract. (1) subscribers in the future the use of VICS descrambler

When you stop over (2) use of VICS descrambler owned by the subscriber

When the use becomes impossible

(Cancellation of the contract that the Center does) Article 12. 1. The Center, the provisions subscribers of Article 16

If you make a contrary act, you may want to cancel the VICS service contract. In addition, in accordance with the provisions of Article 17, if the change of the transmission system of the present broadcasting has been performed, VICS service contract is deemed to have been canceled.

2. pursuant to the provisions of Article 11 or Article 12, even if the VICS service contract has been canceled, The Center, do not do a refund of the viewing fee of VICS service.

Continued on next page

Chapter 4 fee

(Payment obligations Rates)

Article 13. Subscriber, VICS service that the Center is to provide

As fee bis, it will take the payment of a flat fee set forth in the attached table at the time of subscription to each contract unit. It should be noted that the fee is, we have to bear when the subscriber to purchase a receiver.

Chapter 5 Maintenance

(Maintenance responsibility of the Center)

Article 14. The Center, VICS that the Center is to provide

In order to better hold the viewing quality of service, and strive to appropriate maintenance. However, this does not apply with respect to the deterioration of the viewing quality due to the subscriber's equipment.

(Discontinuation of use)

Article 15. 1. The Center, the broadcast facility maintenance or on construction

When the above is unavoidable, you may want to stop using the VICS service.

2. The Center, when you stop using the VICS service pursuant to the provisions of the preceding paragraph, rough or dimethyl will inform the subscriber that. However, if emergency unavoidable,

you do not have this limited Ride.

VICS information Pay-TV Service Agreement

Chapter 6 Miscellaneous Provisions

(Obligations of the subscriber according to the use)

Article 16. Subscriber, VICS service that the Center is to provide

It is not possible to re-send or re-allocation of the broadcasting of the screw.

(Disclaimer)

Article 17.1. The Center, a natural disaster, incident, such as the weather

Broadcast pause by viewing failure, it assumes no responsibility in the case where other viewing of this center by Ri VICS service to reasons that can not be attributable to the became to difficult not impossible. Also, the user, or when the road shape is changed, when there is a reasonable circumstances, and shall understand that it may VICS service is not displayed partially. However, the Center for three years after the change also in the change, even on the old digital road map that does not correspond to the change, so as to be properly displayed to the extent that can be VICS service, devote a reasonable effort you shall be.

2. VICS service, because it is provided by multiplexing the radio wave of the FM broadcast, when a change of transmission mode of broadcasting is performed, VICS by the receiver the subscriber purchased the original you will not be able to use of services. The Center, if we admit that there are unavoidable circumstances, have a period of more than three years, by the "Notice" screen or the like of VICS service, top of well-known to the subscriber, make the change of the transmission system of the present broadcasting You may.

Appendix viewing fee

Viewing fee: yen .315 (including consumption tax of 15 yen)

However, it is included in the vehicle-mounted device purchase price.

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a) Accompany the work with the complete

corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and / or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for

linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of

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- c) Accompany the work with a written offer,**
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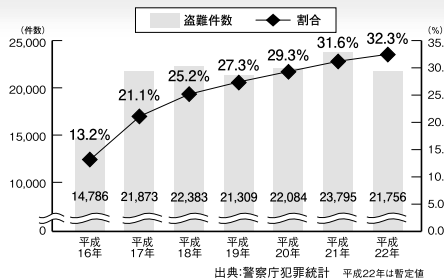
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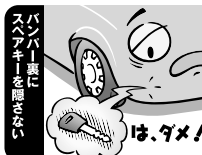


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Guidance of your consultation ※ I hope that you will apologize on confirms it well the number

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Consultation window about the product • purchase and handling of goods, failure whether your consultation and Order catalog window

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• Car audio / car navigation products Phone: **0120-944-111** [General telephone] **044-572-8101** FAX: **044-572-8103**



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function" consultation window "visit home phone number search function" on

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Phone: **0120-817-088**

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When you request a repair, the manual " Failure kana? If you think "Once to see, please check failure whether. If it still does not work properly, ① type name, ② the date of purchase, please specifically tell us the ③ failure symptoms.

Consultation office for repair • If you can not request repair to your dealer

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