

## Operation Manual

NAVIGATION AV SYSTEM

# AVIC-Z110BT

**Notice to all users:**

This software requires that the navigation system is properly connected to your vehicle's parking brake and depending on your vehicle, additional installation may be required. For more information, please contact your Authorized Pioneer Electronics retailer or call us at (800) 421-1404.

**HD** Radio<sup>®</sup>  
READY

**SUPER**  **TUNER III** **D**

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*English*

## Thank you for buying this Pioneer product.

Please read through these operating instructions so you will know how to operate your model properly. *After you have finished reading the instructions, keep this manual in a safe place for future reference.*



### Important

The screens shown in the examples may differ from actual screens.  
Actual screens may be changed without notice for performance and function improvements.

## 01 Introduction

- Information to User **9**
- License Agreement **10**
  - PIONEER AVIC-Z110BT - for U.S.A. **10**
  - PIONEER AVIC-Z110BT - for Canada **12**
  - Terms and Conditions for the Tele Atlas Data **14**
  - Licenses **17**
- About the database **20**
  - About the Data for the Map Database **20**
  - Copyright Notices for North American data **20**
- Important Safety Information **21**
  - "GOOG-411" service **22**
  - Speed limit indication **22**
- Additional Safety Information **22**
  - Parking brake interlock **22**
  - When using a display connected to REAR MONITOR OUTPUT **23**
  - To avoid battery exhaustion **23**
  - Rear view camera **23**
- Notes Before Using the System **23**
  - Failure to operate **23**
  - Visit Our Web site **24**
- Manual overview **24**
  - How to use this manual **24**
  - Terminology **24**
  - Definitions of terminology **25**
- Notice regarding video viewing **25**
- Notice regarding DVD-Video viewing **25**
- Notice regarding MP3 file usage **25**
- iPod compatibility **25**

- Map coverage **26**
- Protecting the LCD panel and screen **26**
- Notes on internal memory **26**
  - Before removing the vehicle battery **26**
  - Data subject to erasure **26**

## 02 Basic operation

- Checking part names and functions **27**
- Adjusting the LCD panel angle **28**
- Inserting and ejecting a disc **28**
  - Inserting a disc **29**
  - Ejecting a disc **29**
- Inserting and ejecting an SD memory card **29**
  - Inserting an SD memory card **29**
  - Ejecting an SD memory card **30**
- Plugging and unplugging a USB storage device **30**
  - Plugging in a USB storage device **30**
  - Unplugging a USB storage device **31**
- Connecting and disconnecting an iPod **31**
  - Connecting your iPod **31**
  - Disconnecting your iPod **31**
- Flow from startup to termination **31**
- On first-time startup **31**
- Regular startup **32**

## 03 How to use the navigation menu screens

- Screen switching overview **34**
- What you can do on each menu **35**
- Operating list screens (e.g. POI list) **35**
- Shortcut menu **35**
  - Selecting the Shortcut **36**
  - Canceling the Shortcut **36**
- Displaying the rear view camera image **36**

## 04 How to use the map

- How to read the map screen **37**
  - Displaying the AV information bar **38**
  - Enlarged map of the intersection **39**
  - Display during freeway driving **39**
- Operating the map screen **39**

- Changing the scale of the map 39
- Switching the map orientation 39
- Scrolling the map 40
- Quick Access 40

## 05 Customizing the map screen settings

- Setting the Item on the Map Screen 42
  - Setting “Close Up View” 42
  - City Map 42
  - Setting the switching of the city map display 42
  - Show Traffic Incident 43
  - Bluetooth Connected 43
  - Setting the current street name display 43
  - Setting the Address Search icon display 43
  - 3D Landmark 43
  - Displaying maneuvers 44
  - MSN Direct 44
- Displaying POI on the map 44
  - Displaying preinstalled POIs on the map 44
  - Displaying the customized POIs 45
- Switching the view mode 45
- Setting the map color change between day and night 46
- Changing the road color 46
- Changing the setting of navigation interruption screen 47
- Selecting “Quick Access” 47

## 06 Setting a route to your destination

- The basic flow of creating your route 48
- Checking the location on the map 48
- Checking the calculated route 48
  - Display multiple routes 49
  - Modifying the route calculation conditions 49
  - Checking the current itinerary 50
  - Adding a waypoint 50

## 07 Checking and modifying the current route

- Checking the current itinerary 52
- Editing waypoints 52
  - Adding a waypoint 52
  - Deleting a waypoint 53
  - Sorting waypoints 53
- Modifying the route calculation conditions 53
- Canceling the route guidance 54

## 08 Searching for and selecting a location

- Searching for a location by address 55
  - Searching for a city name first 55
  - Finding the location by specifying the house number 56
  - Searching for a name by entering multiple keywords 57
- Setting up a route to your home 57
- Searching for Points of Interest (POI) 58
  - Searching for POIs by specifying a category first 58
  - Searching for a POI directly from the name of the facilities 58
  - Searching for a nearby POI 58
  - Searching for POIs around the destination 59
  - Searching for POIs around the city 59
- Selecting destination from “Address Book” 59
- Searching for POIs by using the data on the SD memory card 60
- Selecting a location you searched for recently 60
- Searching for a location by coordinates 60

## 09 Registering and editing locations

- Registering a location into “Address Book” 62
  - Registering a location by “Address Book” 62
  - Registering a location by scroll mode 62

- Editing registered locations **62**
  - Editing the entry in “Address Book” **62**
  - Editing your home **63**
  - Sorting the entry in “Address Book” **63**
  - Deleting the entry in “Address Book” **63**

- Exporting and importing the entry in “Address Book” **64**
  - Exporting the entry in “Address Book” **64**
  - Importing “Address Book” edited on “NavGate FEEDS” **64**

- Deleting an entry in “History” **65**

## **10** Browsing information on MSN Direct

- Activating the service **66**
  - Checking your product key **66**
  - Subscribing to the MSN Direct service **67**
  - Activating the MSN Direct function **67**

- Browsing gas prices **67**

- Browsing movie times **68**
  - Searching for a theater by selecting a movie title **68**
  - Searching for a movie title by selecting a theater **69**

- Browsing weather information **69**

- Checking the local weather information **70**
- Checking worldwide weather conditions **70**

- Using traffic information **70**

- Viewing the traffic event **70**
- Checking traffic information on the route **71**
- How to read traffic information on the map **71**
- Viewing the traffic flow **72**
- Selecting traffic information to display **73**

- Browsing local events **73**

- Browsing news headlines **74**

- Browsing stock quotes **75**
  - Selecting stock symbols **75**
  - Viewing the detailed stock quotes **75**

## **11** Registering and connecting the Bluetooth device

- Preparing communication devices **76**

- Registering your Bluetooth devices **76**

- Searching for nearby Bluetooth devices **76**
- Searching for a specified Bluetooth device **77**
- Pairing from your Bluetooth devices **78**
- Deleting a registered device **78**

- Connecting a registered Bluetooth device **79**

## **12** Using hands-free phoning

- Displaying the Phone Menu **80**

- Making a phone call **80**

- Direct dialing **80**
- Making a call home easily **81**
- Calling a number in the “Contacts List” **81**
- Making a phone call using the received call history **81**
- Making a phone call using the dialed number history **82**
- Making a phone call using missed call history **82**
- Dialing GOOG-411 **83**
- Dialing the entry in the “Address Book” **83**
- Dialing a facility’s phone number **83**
- Dialing from the map **83**

- Receiving a phone call **84**

- Answering an incoming call **84**
- Rejecting an incoming call **84**

- Transferring the phone book **84**

- Setting the “Bluetooth Settings” **85**

- Editing the device name **86**

- Editing the password **86**
- Stopping Bluetooth wave transmission **86**
- Echo canceling and noise reduction **86**
- Answering a call automatically **86**
- Setting the automatic rejection function **87**
- Clearing memory **87**
- Updating the Bluetooth wireless technology software **87**

Notes for hands-free phoning **88**

## **13 Customizing preferences**

The options in the “Navi Settings” menu **90**

- Displaying the “Navi Settings” screen **90**
- Checking the connections of leads **90**
- Checking sensor learning status and driving status **90**
- Using the “Gas Mileage” function **91**
- Recording your travel history **93**
- Using the demonstration guidance **94**
- Registering your home **94**
- Correcting the current location **94**

Options on the “System Settings” menu **94**

- Displaying the “System Settings” screen **94**
- Customizing the regional settings **95**
- Setting the Volume for Guidance and Phone **96**
- Changing the splash screen **97**
- Changing to the splash screen stored in the SD memory card **97**
- Setting for rear view camera **98**
- Adjusting the response positions of the touch panel (touch panel calibration) **98**
- Setting the illumination color **98**
- Checking the version information **99**

Replicating the settings **99**

Turning off the screen **100**

## **14 Using the radio (FM)**

Reading the screen **101**

Using the touch panel keys **101**

- Switching between the detailed information display and the preset list display **102**

- Storing and recalling broadcast frequencies **102**

Using the “Function” menu **102**

- Storing the strongest broadcast frequencies **102**
- Tuning in strong signals **103**

## **15 Using the radio (AM)**

Reading the screen **104**

Using the touch panel keys **104**

- Switching between the detailed information display and the preset list display **104**

- Storing and recalling broadcast frequencies **105**

Using the “Function” menu **105**

- Storing the strongest broadcast frequencies **105**
- Tuning in strong signals **105**

## **16 Using the HD Radio (Digital Radio)**

Reading the screen **106**

Using the touch panel keys **106**

- Switching between the detailed information display and the preset list display **107**

- Storing and recalling broadcast frequencies **107**

Switching the display **107**

Using the “Function” menu **107**

- Storing the strongest broadcast frequencies **108**

- Switching the seek mode **108**

- Tuning in strong signals **108**

- Switching the reception mode **108**

- 17 Playing audio CDs**
  - Reading the screen **109**
  - Using the touch panel keys **109**
  - Selecting a track from the list **110**
  - Using the "Function" menu **110**
- 18 Playing music files on ROM**
  - Reading the screen **111**
  - Using the touch panel keys **112**
    - Selecting a track from the list **112**
  - Using the "Function" menu **112**
- 19 Playing a DVD-Video**
  - Reading the screen **114**
  - Using the touch panel keys **114**
    - Resuming playback (Bookmark) **115**
    - Searching for a specific scene and starting playback from a specified time **116**
    - Direct number search **116**
    - Operating the DVD menu **116**
    - Using DVD menu by touch panel keys **116**
    - Frame-by-frame playback **117**
    - Slow motion playback **117**
  - Using the "Function" menu **117**
- 20 Playing a DVD-VR disc**
  - Reading the screen **119**
  - Using the touch panel keys **119**
    - Searching for a specific scene and starting playback from a specified time **120**
    - Switch the playback mode **121**
    - Using the short-time skip function **121**
    - Playing by selecting from the title list **121**
    - Frame-by-frame playback **121**
    - Slow motion playback **121**
  - Using the "Function" menu **122**
- 21 Playing a DivX video**
  - Reading the screen **123**
  - Using the touch panel keys **123**
    - Frame-by-frame playback **124**
    - Slow motion playback **124**
    - Searching for a specific scene and starting playback from a specified time **124**
    - Playing by selecting from the title list **125**
  - Using the "Function" menu **125**
- 22 DVD-Video, DVD-VR, DivX setup**
  - Displaying DVD/DivX® Setup menu **126**
  - Setting the top-priority languages **126**
  - Setting the angle icon display **126**
  - Setting the aspect ratio **126**
  - Setting the parental lock **127**
    - Setting the code number and level **127**
  - Setting "Auto Play" **127**
  - Setting the subtitle file for DivX **128**
  - Language code chart for DVDs **129**
- 23 Playing music files (from USB or SD)**
  - Starting procedure **130**
  - Reading the screen **130**
  - Using the touch panel keys (Music) **131**
    - Selecting a track from the list **131**
  - Using the "Function" menu **132**
- 24 Playing video files (from USB or SD)**
  - Starting procedure **133**
  - Reading the screen **133**
  - Using the touch panel keys (Video) **133**
    - Playing by selecting from the title list **134**
    - Searching for a specific scene and starting playback from a specified time **134**
  - Using the "Function" menu **135**
- 25 Using an iPod (iPod)**
  - Starting procedure **136**
  - Reading the screen **136**
  - Using the touch panel keys (Music) **137**

- Browsing for a song **137**
- Operating this navigation system's iPod function from your iPod **138**
- Starting the video playback **138**
- Using the touch panel keys (Video) **139**
  - Browsing for a video **139**
  - Using the "Function" menu **140**

## **26 Using the Bluetooth audio player**

- Reading the screen **142**
- Using the touch panel keys **143**
- Using the "Function" menu **143**

## **27 Using the XM tuner**

- Reading the screen **144**
- Using the touch panel keys **144**
  - Selecting an XM channel directly **145**
  - Displaying the Radio ID **145**
  - Storing and recalling broadcast stations **146**
  - Selecting a channel from the list **146**
  - Using "My Mix" function **146**
  - Using the direct traffic announcement function **147**
- Using the "Function" menu **147**
  - Setting the memorized songs **148**

## **28 Using the SIRIUS tuner**

- Reading the screen **149**
- Using the touch panel keys **149**
  - Selecting a SIRIUS channel directly **150**
  - Display the Radio ID **150**
  - Storing and recalling broadcast stations **150**
  - Using "My Mix" function **151**
  - Using the direct traffic announcement function **151**
  - Using the "Instant Replay" function **152**
- Using the "Function" menu **152**
  - Setting the memorized songs **152**
  - Using the Game Alert function **153**

- Displaying Game Information **153**

## **29 Using AV input**

- Using AV1 **155**
- Using AV2 **155**
- Using the touch panel keys **155**

## **30 Using the external unit (EXT1, EXT2)**

- Reading the screen **156**
- Using the touch panel keys **156**

### **Other functions**

- Selecting the video for "Rear display" **157**
- Operating the picture adjustment **157**

### **Customizing preferences**

- Options on the "AV System Settings" menu **159**
  - Displaying the "AV System Settings" menu **159**
  - Setting video input 1 (AV1) **159**
  - Setting video input 2 (AV2) **159**
  - Switching the auto antenna setting **159**
  - Changing the wide screen mode **160**
  - Setting the rear output **160**
  - Switching the muting/attenuation timing **161**
  - Switching the muting/attenuation level **161**
  - Changing the voice output of the navigation guidance **161**
  - Acquiring/Cataloging iPod music information **161**
  - Displaying your DivX VOD registration code **162**
- The "AV Sound Settings" menu options **163**
  - Displaying the "AV Sound Settings" menu **163**
  - Using balance adjustment **163**
  - Using the equalizer **164**
  - Adjusting loudness **165**
  - Using subwoofer output **165**
  - Using the high pass filter **166**

- Adjusting source levels **166**
- Enhancing bass (Bass Booster) **166**
- Setting the simulated sound stage **166**

## Operating Your Navigation System with Voice

To Ensure Safe Driving **168**

Basics of Voice Operation **168**

- Flow of voice operation **168**
- Starting voice operation **169**
- How to use the voice operation **169**

Available Basic Voice Commands **171**

- Basic commands **171**
- Voice operation for the iPod **171**
- Voice operation for AV source (other than iPod) **172**
- Voice commands related to hands-free phoning **173**

Tips for Voice Operation **174**

## Other functions

Setting the anti-theft function **175**

- Setting the password **175**
- Entering the password **175**
- Deleting the password **175**
- Forgotten passwords **176**

Restoring the default setting **176**

Returning the navigation system to the initial state **176**

## Appendix

Troubleshooting **177**

Messages and how to react to them **181**

Messages for audio functions **182**

Positioning technology **183**

- Positioning by GPS **183**
- Positioning by “Dead Reckoning” **183**
- How do GPS and “Dead Reckoning” work together? **183**

Handling large errors **184**

- When positioning by GPS is impossible **184**

- Conditions likely to cause noticeable positioning errors **185**

Route setting information **186**

- Route search specifications **186**

Handling and care of discs **187**

- Built-in drive and care **188**
- Ambient conditions for playing a disc **188**

Playable discs **188**

- DVD-Video and CD **188**
- AVCHD recorded discs **188**
- Playing DualDisc **189**
- Dolby Digital **189**
- DTS sound **189**

Detailed information for playable media **189**

- Compatibility **189**
- Media compatibility chart **192**

Bluetooth **196**

SD and SDHC logo **196**

WMA **196**

DivX **197**

AAC **197**

Detailed information regarding connectable

iPods **197**

- iPod **197**
- iPhone **198**
- iTunes **198**

Using the LCD screen correctly **198**

- Handling the LCD screen **198**
- Liquid crystal display (LCD) screen **198**
- Maintaining the LCD screen **198**
- LED (light-emitting diode) backlight **198**

Display information **200**

- Destination Menu **200**
- “Phone Menu” screen **200**
- Settings Menu **201**

Glossary **204**

Specifications **207**



# Introduction

## Information to User

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Alteration or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.

FCC ID : AJDK026  
IC : 775E-K026

This device complies with Part 15 of FCC Rules and RSS-Gen of IC Rules. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of this device.

MADE IN CHINA

### For Canadian model


This Class B digital apparatus complies with Canadian ICES-003.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

This equipment complies with FCC radiation exposure limits set forth for uncontrolled equipment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated with at least 20cm and more between the radiator and person's body (excluding extremities: hands, wrists, feet and ankles).

**CAUTION:**  
USE OF CONTROL OR ADJUSTMENT OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.  
**CAUTION:**  
THE USE OF OPTICAL INSTRUMENTS WITH THIS PRODUCT WILL INCREASE EYE HAZARD.

### **WARNING**

Handling the cord on this product or cords associated with accessories sold with the product will expose you to chemicals listed on proposition 65 known to the State of California and other governmental entities to cause cancer and birth defect or other reproductive harm. ***Wash hands after handling.*** 

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# Introduction

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# Introduction

## Licenses

- ◆ Licenses
- 7-Zip

### 7-Zip

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Version 3, 29 June 2007

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# Introduction

## Important Safety Information



### WARNING

- Do not attempt to install or service your navigation system by yourself. Installation or servicing of the navigation system by persons without training and experience in electronic equipment and automotive accessories may be dangerous and could expose you to the risk of electric shock or other hazards.
- If liquid or foreign matter should get inside this navigation system, park your vehicle to safe place and turn the ignition switch off (ACC OFF) immediately and consult your dealer or the nearest authorized Pioneer Service Station. Do not use the navigation system in this condition because doing so may result in a fire, electric shock, or other failure.
- If you notice smoke, a strange noise or odor from the navigation system, or any other abnormal signs on the LCD screen, turn off the power immediately and consult your dealer or the nearest authorized Pioneer Service Station. Using this navigation system in this condition may result in permanent damage to the system.
- Do not disassemble or modify this navigation system, as there are high-voltage components inside which may cause an electric shock. Be sure to consult your dealer or the nearest authorized Pioneer Service Station for internal inspection, adjustments or repairs.
- Do not allow this product to come into contact with liquids. Electrical shock could result. Also, damage to the product, smoke, and overheating could result from contact with liquids.



### CAUTION

- When a route is calculated, the route and voice guidance for the route are automatically set. Also, for day or time traffic regulations, only information about traffic regulations applicable at the time when the route was calculated is shown. One-way streets and street closures may not be taken into consideration. For example, if a street is open during the

morning only, but you arrive later, it would be against the traffic regulations so you cannot drive along the set route. When driving, please follow the actual traffic signs. Also, the system may not know some traffic regulations.

Before using your navigation system, be sure to read and fully understand the following safety information:


- ❑ Read the entire manual before operating this navigation system.
- ❑ The navigation features of your navigation system (and rear view camera option if purchased) are intended solely as an aid to you in the operation of your vehicle. It is not a substitute for your attentiveness, judgment, and care when driving.
- ❑ Do not operate this navigation system (or the rear view camera option if purchased) if doing so will divert your attention in any way from the safe operation of your vehicle. Always observe safe driving rules and follow all existing traffic regulations. If you experience difficulty in operating the system or reading the display, park your vehicle in a safe location and apply the parking brake before making the necessary adjustments.
- ❑ Never allow others to use the system unless they have read and understood the operating instructions.
- ❑ Never use this navigation system to route to hospitals, police stations or similar facilities in an emergency. Stop using any functions relating to the hands-free phone and please call 911.
- ❑ Route and guidance information displayed by this equipment is for reference purposes only. It may not accurately reflect the latest permissible routes, road conditions, one way streets, road closures, or traffic restrictions.
- ❑ Traffic restrictions and advisories currently in force should always take precedence over guidance given by the navigation system. Always obey current traffic restrictions, even if the navigation system provides contrary advice.

- ❑ Failure to set correct information about the local time may result in the navigation system providing improper routing and guidance instructions.
- ❑ Never set the volume of your navigation system so high that you cannot hear outside traffic and emergency vehicles.
- ❑ To promote safety, certain functions are disabled unless the vehicle is stopped and/or the parking brake is applied.
- ❑ The data encoded in the built-in memory is the intellectual property of the provider, and the provider is responsible for such content.
- ❑ Keep this manual handy as a reference for operating procedures and safety information.
- ❑ Pay close attention to all warnings in this manual and follow the instructions carefully.
- ❑ Do not install this navigation system where it may (i) obstruct the driver's vision, (ii) impair the performance of any of the vehicle's operating systems or safety features, including air bags or hazard lamp buttons or (iii) impair the driver's ability to safely operate the vehicle.
- ❑ Please remember to fasten your seat belt at all times while operating your vehicle. If you are ever in an accident, your injuries can be considerably more severe if your seat belt is not properly buckled.
- ❑ Never use headphones while driving.

### “GOOG-411” service

- ❑ Pioneer does not bear responsibility for the accuracy of the information.
- ❑ Pioneer does not bear responsibility for changes to information services provided by related companies, such as cancellation of services or changing to pay-services. Also, we do not accept return of the product for this reason.

### Speed limit indication

The speed limit is based on the map database. The speed limit in the database may not match the actual speed limit of the current road. This is not a definite value. Be sure to drive according to the actual speed limit. 

## Additional Safety Information

### Parking brake interlock

Certain functions (such as viewing of DVD-Video and certain touch key operations) offered by this navigation system could be dangerous and/or unlawful if used while driving. To prevent such functions from being used while the vehicle is in motion, there is an interlock system that senses when the parking brake is set and when the vehicle is moving. If you attempt to use the functions described above while driving, they will become disabled until you stop the vehicle in a safe place, and apply the parking brake. Please keep the brake pedal pushed down before releasing the parking brake.

### WARNING

- **LIGHT GREEN LEAD AT POWER CONNECTOR IS DESIGNED TO DETECT PARKED STATUS AND MUST BE CONNECTED TO THE POWER SUPPLY SIDE OF THE PARKING BRAKE SWITCH. IMPROPER CONNECTION OR USE OF THIS LEAD MAY VIOLATE APPLICABLE LAW AND MAY RESULT IN SERIOUS INJURY OR DAMAGE.**
- To avoid the risk of damage and injury and the potential violation of applicable laws, the navigation system is not for use with a “Video image” that is visible to the driver.
- In some countries or states the viewing of “Video image” on a display inside a vehicle even by persons other than the driver may be illegal. Where such regulations apply, they must be obeyed.

## Introduction

- When applying the parking brake in order to view “Video image” or to enable other functions offered by the navigation system, park your vehicle in a safe place, and keep the brake pedal pushed down before releasing the parking brake if the vehicle is parked on a hill or otherwise might move when releasing the parking brake.

### CAUTION

Accuracy/performance of interlock may be impacted by such factors as GPS signal detection and driving habits or conditions of the place where the vehicle is parked.

When you attempt to watch “Video image” while driving, the warning “**Viewing of front seat video source while driving is strictly prohibited.**” will appear on the screen. To watch “Video image” on this display, stop the vehicle in a safe place and apply the parking brake. Please keep the brake pedal pushed down before releasing the parking brake.

### When using a display connected to REAR MONITOR OUTPUT

The video output terminal (**REAR MONITOR OUTPUT**) is for connection of a display to enable passengers in the rear seats to watch video images.

### WARNING

NEVER install the Rear Display in a location that enables the driver to watch video images while driving.

- This cautionary statements apply to AVIC-Z110BT.

### To avoid battery exhaustion

Be sure to run the vehicle engine while using this product. Using this product without running the engine can drain the battery.

### WARNING

Do not use with vehicles that do not feature an ACC position.

### Rear view camera

With an optional rear view camera, you are able to use the navigation system as an aid to keep an eye on trailers, or backing into a tight parking spot.

### WARNING

- SCREEN IMAGE MAY APPEAR REVERSED.
- USE INPUT ONLY FOR REVERSE OR MIRROR IMAGE REAR VIEW CAMERA. OTHER USE MAY RESULT IN INJURY OR DAMAGE.

### CAUTION

- For safety reasons, the rear view camera function is not available until the navigation system boots up completely.
- The rear view mode is to use the navigation system as an aid to keep an eye on the trailers, or while backing up. Do not use this function for entertainment purposes. □

## Notes Before Using the System

### Important (Serial Number:)

The serial number of this device is located on the bottom of this product. For your own security and convenience, be sure to record this number on the enclosed warranty card.

### Failure to operate

Should the navigation system fail to operate properly, contact your dealer or nearest authorized Pioneer Service Station.

**After-sales service for Pioneer products**

Please contact the dealer or distributor from which you purchased the product for after-sales service (including warranty conditions) or any other information. In case the necessary information is not available, please contact the companies listed below.

Please do not ship your product to the companies at the addresses listed below for repair without making advance contact.

- **U.S.A**

Pioneer Electronics (USA) Inc.  
CUSTOMER SUPPORT DIVISION  
P.O. Box 1760 Long Beach, CA 90801-1760  
800-421-1404

- **CANADA**

Pioneer Electronics of Canada, Inc.  
CUSTOMER SATISFACTION DEPARTMENT  
300 Allstate Parkway Markham, Ontario  
L3R 0P2  
1-877-283-5901  
905-479-4411

For warranty information, please see the Limited Warranty sheet included with your product.

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**Manual overview****How to use this manual****Finding the operation procedure for what you want to do**

When you have decided what you want to do, you can find the page you need from the "Contents".

**Finding the operation procedure from a menu name**

If you want to check the meaning of an item displayed on the screen, you will find the necessary page from the "Display information" at the end of the manual.

**Glossary**

Use the glossary to find the meanings of terms.

**Terminology**

Before moving on, take a few minutes to read the following information about the conventions used in this manual. Familiarity with these conventions will help you greatly as you learn how to use your new equipment.

- Buttons on your navigation system are described in **ALL CAPITAL, BOLD** lettering; e.g.) **MENU** button, **MAP** button.
- Items in different menus, screen titles, and functional components are described in **bold** with double quotation marks " "; e.g.) "Destination Menu" screen or "AV Source" screen
- Touch panel keys that are available on the screen are described in **bold** in brackets [ ]; e.g.) **[Destination]**, **[Settings]**.
- Extra information, alternatives and other notes are presented in the following format: e.g.)  If the home location has not been stored yet, set the location first.



## Introduction

- References are indicated like this:  
e.g.)
  - ☞ For details, refer to *How to use the navigation menu screens* on page 34.

### Definitions of terminology

#### “Front Display” and “Rear Display”

In this manual, the screen that is attached to the body of this navigation unit will be referred to as the “Front Display”. Any additional optional screen that is purchased for use in conjunction with this navigation unit will be referred to as the “Rear Display”.

#### “Video image”

“Video image” in this manual indicates moving images of DVD-Video, DivX®, iPod, and any equipment that is connected to this system with an RCA cable, such as general-purpose AV equipment.

#### “External storage device (USB, SD)”

The SD memory card, SDHC memory card and USB memory device are collectively referred to as the “external storage device (USB, SD)”. If it indicates the USB memory only, it is referred to as the “USB storage device”.

#### “SD memory card”

The SD memory card and SDHC memory card are collectively referred to as the “SD memory card”. □

### Notice regarding video viewing

Remember that use of this system for commercial or public viewing purposes may constitute an infringement on the author’s rights as protected by the Copyright Law. □

### Notice regarding DVD-Video viewing

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

### Notice regarding MP3 file usage

Supply of this navigation system conveys only a license for private, non-commercial use and does not convey a license nor imply any right to use this product in any commercial (i.e. revenue-generating), real time broadcasting (terrestrial, satellite, cable and/or any other media), broadcasting/streaming via internet, intranets and/or other networks or in other electronic content distribution systems, such as pay-audio or audio-on-demand applications. An independent license for such use is required. For details, please visit <http://www.mp3licensing.com>. □

### iPod compatibility

This product supports only the following iPod models and iPod software versions. Others may not work correctly.

- iPod nano first generation; Ver. 1.3.1
- iPod nano second generation; Ver. 1.1.3
- iPod nano third generation; Ver. 1.1.3
- iPod nano fourth generation; Ver. 1.0.3
- iPod fifth generation; Ver. 1.3
- iPod classic; Ver. 2.0.1
- iPod touch first generation; Ver. 2.2.1
- iPod touch second generation; Ver. 2.2.1

- iPhone; Ver. 2.2
- iPhone 3G; Ver. 2.2.1
- ❑ In this manual, iPod and iPhone will be referred to as iPod.
- ❑ When you use this navigation system with a Pioneer USB interface cable for iPod (CD-IU50V) (sold separately), you can control an iPod compatible with this navigation system.
- ❑ To obtain maximum performance, we recommend that you use the latest software for the iPod.
- ❑ Operation methods may vary depending on the iPod models and the software version of iPod.
- ❑ For more details about iPod compatibility with this navigation system, refer to the information on our website.
- ❑ iPod is a trademark of Apple Inc., registered in the U.S. and other countries.
- ❑ iPhone is a trademark of Apple Inc. ❑

## Map coverage

For more details about the map coverage of this navigation system, refer to the information on our website. ❑

## Protecting the LCD panel and screen

- ❑ Do not allow direct sunlight to fall on the LCD screen when this product is not being used. Extended exposure to direct sunlight can result in LCD screen malfunction due to the resulting high temperatures.
- ❑ When using a cellular phone, keep the antenna of the cellular phone away from the LCD screen to prevent disruption of the video in the form of spots, colored stripes, etc.
- ❑ To protect the LCD screen from damage, be sure to touch the touch panel keys with your finger and gently touch the screen. ❑

## Notes on internal memory

### Before removing the vehicle battery

If the battery is disconnected or discharged, the memory will be erased and must be reprogrammed.

- ❑ Some data remains. Read *Returning the navigation system to the initial state* before you operate this function.
  - ➔ For more detailed information about the items which would be erased, refer to *Returning the navigation system to the initial state* on page 176.

### Data subject to erasure

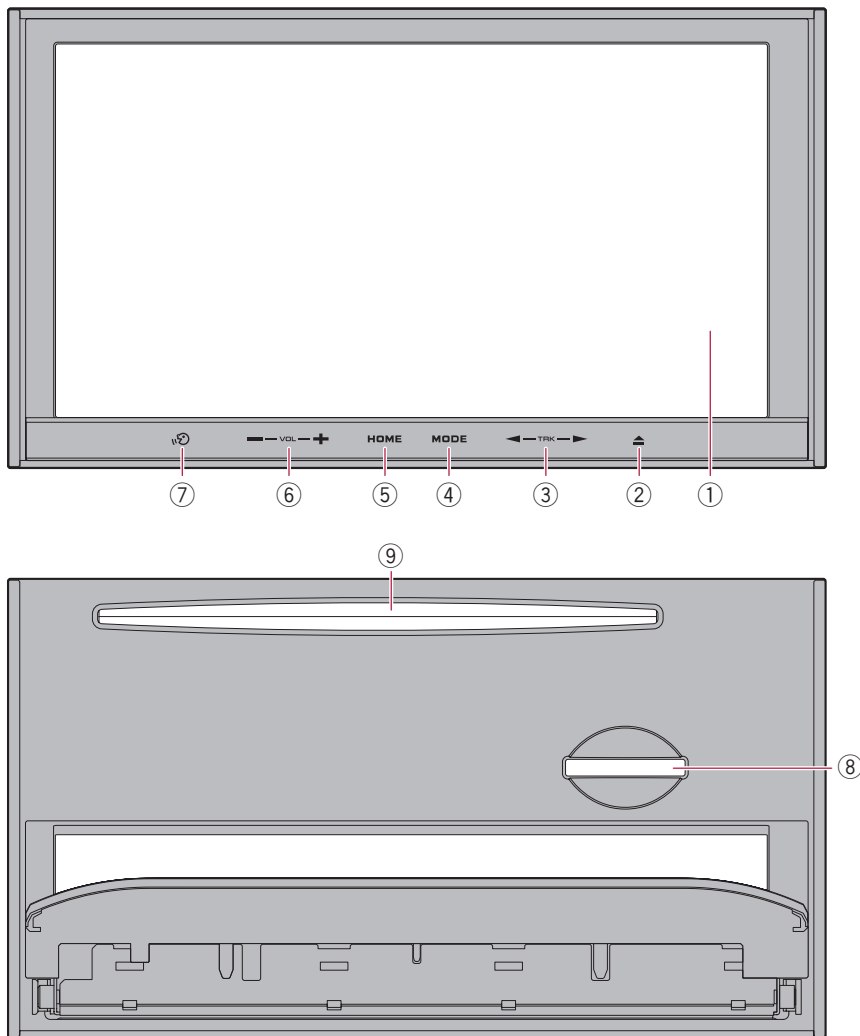
The information is erased by disconnecting the yellow lead from the battery (or removing the battery itself). However, some items remain.

- ❑ Some data remains. Read *Returning the navigation system to the initial state* before you operate this function.
  - ➔ For more detailed information about the items which would be erased, refer to *Returning the navigation system to the initial state* on page 176. ❑

## Basic operation

### Checking part names and functions

This chapter gives information about the names of the parts and the main features using the buttons.



① LCD screen

② OPEN CLOSE button

③ TRK (</>) button

↪ New translation required.

④ **MODE button**

- Press to switch between the map screen and the AV operation screen.
- Press to display the map screen while the screen of navigation function is displayed.
- Press and hold to display the “**Picture Adjustment**” screen.
  - ➔ For details, refer to *Operating the picture adjustment* on page 157.

⑤ **HOME button**

- Press the **HOME** button to display the “**Top Menu**”.
- Press to switch between the “Classic Menu” and the “Shortcut Menu” while the “**Top Menu**” is displayed.
- Press and hold to turn off the screen display.

⑥ **VOL (+/-) button**

Adjusts the AV (Audio and Video) source volume.

⑦ **VOICE button**


Press the **VOICE** button to activate voice operations.

⑧ **SD card slot**

➔ For more detailed information, refer to *Inserting and ejecting an SD memory card* on the next page.

⑨ **Disc loading slot**

Insert a disc to play.

➔ For details concerning operations, refer to *Inserting and ejecting a disc* on this page. 

**Adjusting the LCD panel angle** **WARNING**

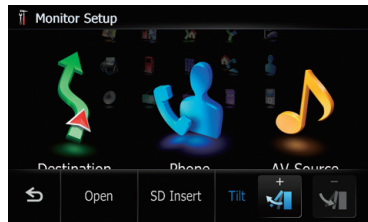
When opening, closing and adjusting the angle of the LCD panel, be careful not to get your finger caught.


 **CAUTION**

Do not open and close the LCD panel with hands by force. This may cause malfunction.

**1 Press the OPEN CLOSE button.**

The “**Monitor Setup**” screen appears.

**2 Touch  or  to adjust the angle.****3 Touch .**

- The adjusted angle of the LCD panel will be memorized and the LCD panel will automatically return to that angle the next time the LCD panel is opened or closed. 

**Inserting and ejecting a disc** **WARNING**

- When opening, closing and adjusting the angle of the LCD panel, be careful not to get your finger caught.
- Do not use with the LCD panel left open. If LCD panel is left open, it may result in injury in the event of an accident.

 **CAUTION**

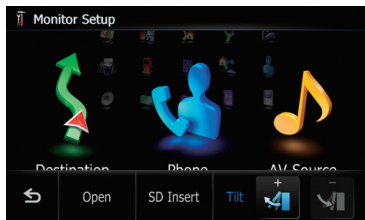
- Do not open and close the LCD panel with hands by force. This may cause malfunction.
- Do not operate this navigation system until the LCD panel completely opens or closes. If this navigation system is operated while the LCD panel is opening or closing, the LCD panel may stop at that angle for safety.
- Do not place a glass or a can on this navigation system when the LCD panel is open. Doing so may break this navigation system.

## Basic operation

### Inserting a disc

#### 1 Press the OPEN CLOSE button.

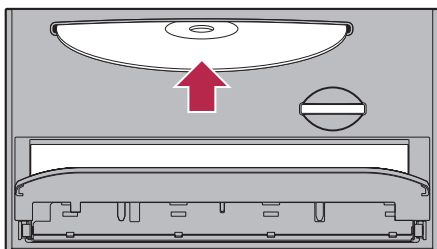
The "Monitor Setup" screen appears.



#### 2 Touch [Open].

The LCD panel opens, and the disc loading slot appears.

#### 3 Insert a disc into the disc loading slot.



- Do not insert anything other than a disc into the disc loading slot.

#### 4 Press the OPEN CLOSE button.

The LCD panel closes.

### Ejecting a disc

#### 1 Press the OPEN CLOSE button.

The "Monitor Setup" screen appears.

#### 2 Touch [Disc Eject].

The LCD panel opens, and the disc is ejected.

#### 3 Press the OPEN CLOSE button.

The LCD panel closes.

### Inserting and ejecting an SD memory card

#### ! CAUTION

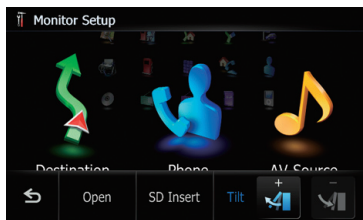
- To prevent data loss and damage to the storage device, never remove it from this navigation system while data is being transferred.
- If data loss or corruption occurs on the storage device for any reason, it is usually not possible to recover the data. Pioneer accepts no liability for damages, costs or expenses arising from data loss or corruption.

- This system is not compatible with Multi Media Card (MMC).
- Compatibility with all SD memory cards is not guaranteed.
- This unit may not achieve optimum performance with some SD memory cards.

### Inserting an SD memory card

#### 1 Press the OPEN CLOSE button.

The "Monitor Setup" screen appears.

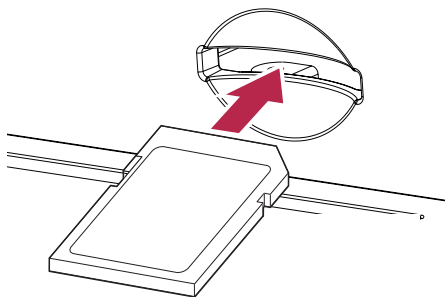


#### 2 Touch [SD Insert].

The LCD panel opens, and the SD card slot appears.

#### 3 Insert an SD memory card into the SD card slot.

Insert it with the contact surface facing to the left and press the card until it clicks and completely locks.



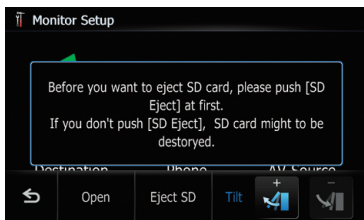
#### 4 Press the OPEN CLOSE button.

The LCD panel closes, and then the navigation system restarts.

### Ejecting an SD memory card

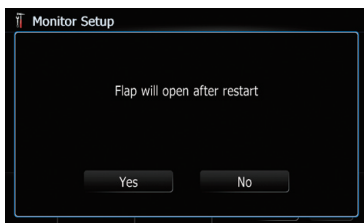
#### 1 Press the OPEN CLOSE button.

The “Monitor Setup” screen appears.



#### 2 Touch [SD Eject].

The following message appears.




#### 3 Touch [Yes].

The navigation system restarts, and then the LCD panel opens.

#### 4 Press the SD memory card until it clicks.

#### 5 Pull out the SD memory card.

#### 6 Press the OPEN CLOSE button.

The LCD panel closes, and then the navigation system restarts. 

### Plugging and unplugging a USB storage device

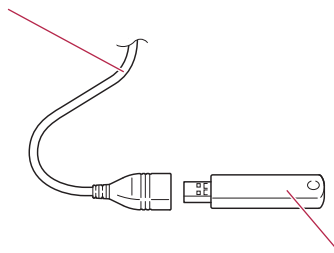
#### CAUTION

- To prevent data loss and damage to the storage device, never remove it from this navigation system while data is being transferred.
- If data loss or corruption occurs on the storage device for any reason, it is usually not possible to recover the data. Pioneer accepts no liability for damages, costs or expenses arising from data loss or corruption.

### Plugging in a USB storage device

#### ● Plug a USB storage device into the USB connector.

USB connector



USB storage device

- Compatibility with all USB storage device is not guaranteed.  
This navigation system may not achieve optimum performance with some USB storage devices.
- Connection via USB hub is not possible.

## Basic operation

### Unplugging a USB storage device

- Pull out the USB storage device after checking that no data is being accessed.

### Connecting and disconnecting an iPod

#### **!** CAUTION

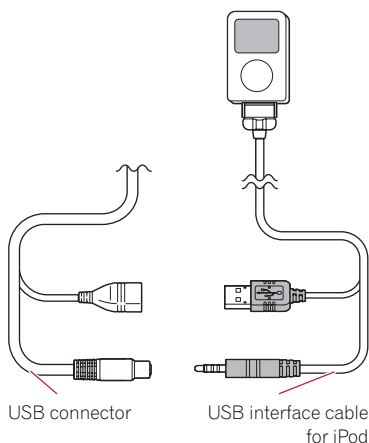
- To prevent data loss and damage to the storage device, never remove it from this navigation system while data is being transferred.
- If data loss or corruption occurs on the storage device for any reason, it is usually not possible to recover the data. Pioneer accepts no liability for damages, costs or expenses arising from data loss or corruption.

### Connecting your iPod

Using the USB interface cable for iPod enables you to connect your iPod to the navigation system.

- A USB interface cable for iPod (CD-IU50V) (sold separately) is required for connection.

- 1 Pull out the USB storage device after checking that no data is being accessed.



- For more details about iPod compatibility with this navigation system, refer to the information on our website.
- Connection via USB hub is not possible.

- 2 Connect your iPod.

### Disconnecting your iPod

- Pull out the USB interface cable for iPod after checking that no data is being accessed.

### Flow from startup to termination

- 1 Start the engine to boot up the system.

After a short pause, the navigation splash screen comes on for a few seconds.

- To protect the LCD screen from damage, be sure to use your fingers to touch the touch panel keys. (The stylus is supplied for special calibrations. Do not use the stylus for normal operations.)

- 2 Turn off the vehicle engine to terminate the system.

The navigation system is also turned off.

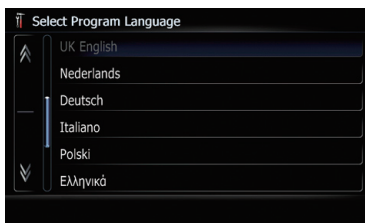
### On first-time startup

When you use the navigation system for the first time, select the language that you want to use.

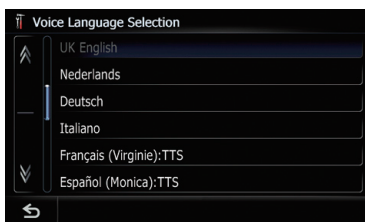
- 1 Start the engine to boot up the system.

After a short pause, the navigation splash screen comes on for a few seconds.

2 Touch the language that you want to use on the screen.

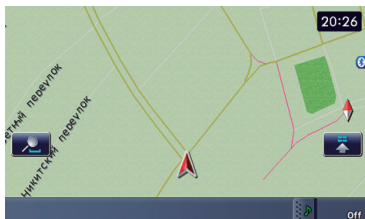
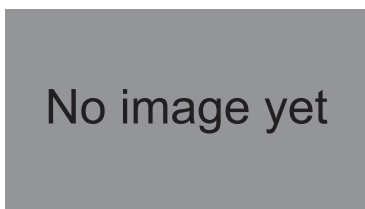


3 Touch the language that you want to use for the voice guidance.



The navigation system will now restart.

4 Read the disclaimer carefully, checking its details, and then touch [OK] if you agree to the conditions.



## Regular startup

● **Start the engine to boot up the system.**

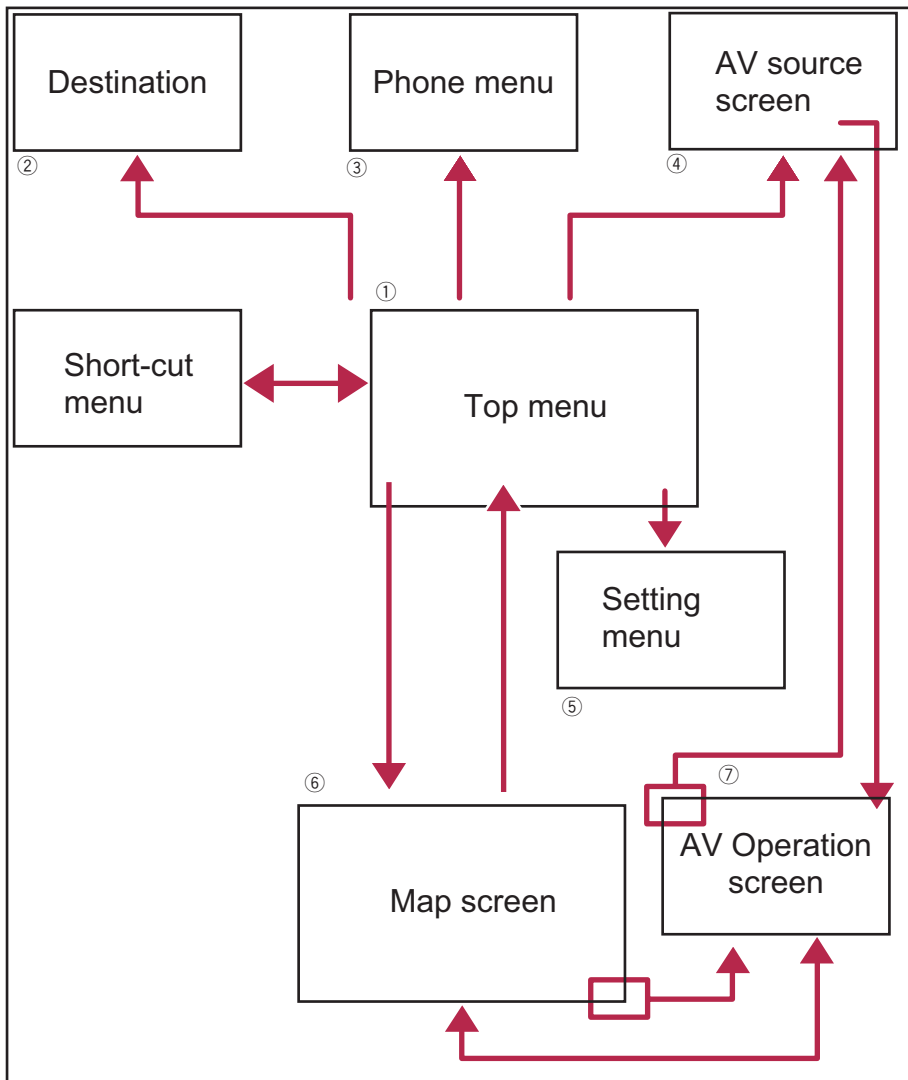
After a short pause, the navigation splash screen comes on for a few seconds.

- ❑ The screen shown will differ depending on the previous conditions.
- ❑ When there is no route, the disclaimer appears after the navigation system reboots. Read the disclaimer carefully, checking its details, and then touch [OK] if you agree to the conditions.
- ❑ If the anti-theft function is activated, you must enter your password. After unlocking the navigation system, the "Top Menu" appears. If you enter the navigation screen first, the disclaimer screen will appear. Read the disclaimer carefully, checking its details, and then touch [OK] if you agree to the conditions. ■



# Basic operation

### Screen switching overview



## How to use the navigation menu screens

### What you can do on each menu

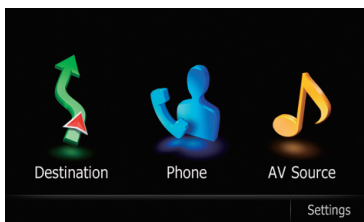
#### ① Top Menu

Press the **HOME** button to display the "Top Menu".

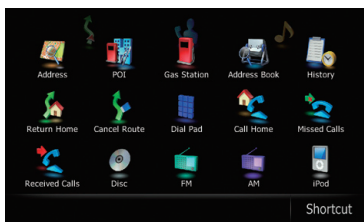
This is the starting menu to access the desired screens and operate the various functions.

There are two types of the "Top Menu".

- Classic Menu



- Shortcut Menu



#### ② Destination Menu

You can search for your destination on this menu. You can also check or cancel your set route from this menu.

#### ③ AV Source menu

You can access the screen for selecting the audio and visual source to play.

#### ④ Phone Menu

You can access the screen that is related to hands-free phoning to see call histories and change the settings on the Bluetooth wireless technology connection.

#### ⑤ Settings Menu

You can access the screen to customize settings.

#### ⑥ Map screen

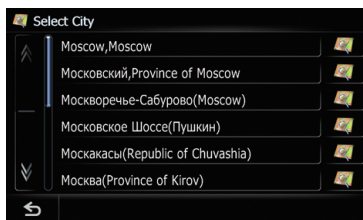
Press the **MODE** button to display the navigation map screen.

#### ⑦ AV operation screen

This is the screen that normally appears when you play the AV source. Touching the icon on the top left corner displays the "AV Source" menu.

- To return to the previous screen, touch .

### Operating list screens (e.g. POI list)





#### ① Screen title



Returns the previous screen.




Touching  or  on the scroll bar scrolls through the list and allows you to view the remaining items.

#### ④ Listed items

Touching an item on the list allows you to narrow down the options and proceed to the next operation.



If all of characters cannot be displayed within the displayed area, touching the key to the right of the item allows you to see remaining characters. .

### Shortcut menu

Registering your favorite menu items in shortcuts allows you to quickly jump to the registered menu screen by a simple touch on the "Shortcut Menu" screen.

## Selecting the Shortcut

- Up to 15 menu items can be registered in shortcuts.

1 Press the **HOME** button repeatedly to display the “Shortcut Menu” screen.

2 Touch [Shortcut].

The Short-Cut Selection screen appears.



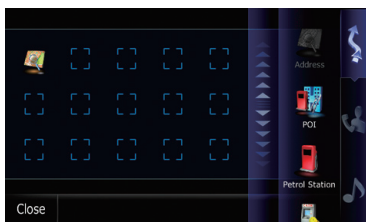
Scroll bar

3 New translation required.

4 Touch [Navigation], [Phone], or [Audio/Video], and then touch and hold the icon that you want to set to shortcut.

5 Move the icon to the left side of the screen, and then release it.

New translation required.



## Displaying the rear view camera image

Rear view image is displayed on the left-hand side of the screen, while the map of your surroundings is indicated on the right.

- ➔ For details, refer to *Setting for rear view camera* on page 98.

1 Press the **HOME** button to display the “Top Menu”.

2 Touch [Settings].

The “Settings Menu” screen appears.

3 Touch [System Settings].

The “System Settings” screen appears.

4 Touch [Back Camera].

The “Back Camera Settings” screen appears.

5 Touch [On] next to “Camera” to activate the camera setting. □

## Canceling the Shortcut

1 Touch and hold the icon that you want to cancel the shortcut.

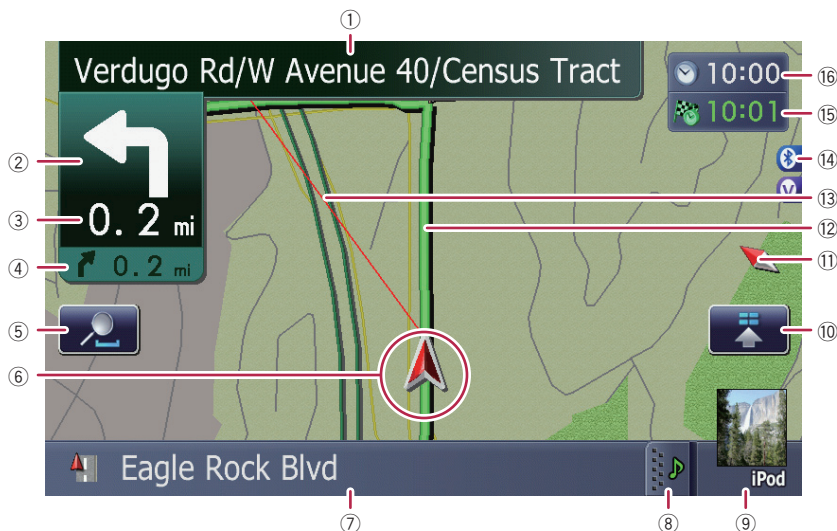
2 Move the icon to the right side of the screen, and then release it. □


## How to use the map

Most of the information provided by your navigation system can be seen on the map. You need to become familiar with how information appears on the map.

### How to read the map screen

This example shows an example of a 2D map screen.



- ❑ Information with the mark (\*) appears only when the route is set.
  - ❑ Depending on the conditions and settings, some items may not be displayed.
- ① **Name of the street to be used (or next guidance point)\***
  - ② **Next direction of travel\***  
New translation required.  
When you approach a guidance point, this appears in green. Touching this item enables you to hear the next guidance again. You can select between display and non-display.  
➡ For more details about “Selecting display or non-display for **Show Manuever**”, refer to *Setting the Item on the Map Screen* on page 42.
  - ③ **Distance to the guidance point\***
  - ④ **Second Manuever Arrow\***  
Shows the turning direction after next and the distance to there.  
➡ For more details about “Selecting display or non-display for **Show Manuever**”, refer to *Setting the Item on the Map Screen* on page 42.
  - ⑤ **Zoom in/Zoom out**  
Touching  displays touch panel keys for changing the map scale and the map orientation.
  - ⑥ **Current position**
  - ⑦ **Street name**
  - ⑧ **Music icon and iPod logo**
  - ⑨ **iPod image**
  - ⑩ **Upward arrow icon**
  - ⑪ **Red arrowhead pointing right**
  - ⑫ **Bluetooth icon**
  - ⑬ **Location icon**
  - ⑭ **Location icon**
  - ⑮ **10:01 time with a checkered flag icon**
  - ⑯ **10:00 time with a clock icon**

## How to use the map

Indicates the current location of your vehicle.

The apex of the triangular mark indicates your orientation and the display moves automatically as you drive.

☐ The apex of the triangular mark is the proper current position.

### ⑦ Street name (or city name) that your vehicle is traveling along

➡ For details, refer to *Setting the current street name display* on page 43.

### ⑧ Extension tab for the AV information bar

Touching this tab opens the AV information bar and enables you to briefly view the current status on the AV source. Touching it again retracts the bar.

### ⑨ Shortcut to the AV operation screen


The **AV Source** currently selected is shown. Touching the indicator displays the AV operation screen of the current source directly.

☐ If you connect your iPod to this navigation system, the artwork for the album that is playing appears.

### ⑩ Quick Access icon

Displays **Quick Access** menu.

### ⑪ Map orientation indicator

- When “North up” is selected, **N** is displayed.
- When “Heading up” is selected,  is displayed.
  - The red arrow indicates north.

### ⑫ Current route\*

The route currently set is highlighted in bright color on the map. If a waypoint is set on the route, the route after the next waypoint is highlighted in another color.

### ⑬ Direction line\*

The direction towards your destination (next waypoint, or cursor) is indicated with a straight line.

### ⑭ Bluetooth Connected icon

This icon shows whether the device featuring Bluetooth technology is connected or not. You can select between display and non-display.

➡ For more details about “Selecting display or non-display for the **Bluetooth Connected** icon”, refer to *Setting the Item on the Map Screen* on page 42.

### ⑮ Multi-Info window

Each touch of [**Multi-Info window**] changes the display information.

- **Distance to the destination (or distance to waypoint)\***
- **Estimated time of arrival at your destination or waypoint\***

The estimated time of arrival is an ideal value calculated based on the value set for [**Speed**] and the actual driving speed. The estimated time of arrival is only a reference value, and does not guarantee arrival at that time.

- **Travel time to your destination or waypoint\***

### ⑯ Current time

## Meaning of guidance flags



#### : Destination

The checkered flag indicates your destination.



#### : Waypoint

The blue flags indicate your waypoints.



#### : Guidance point

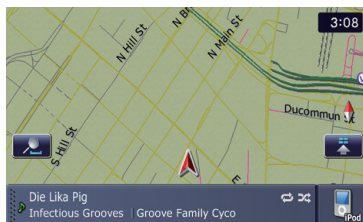
The next guidance point (next turning point, etc.) is shown by a yellow flag.

## Displaying the AV information bar

You can check the current status on the selected AV source.

### ● Touch

AV information bar appears.

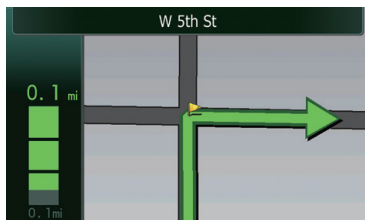


- Touch the AV information bar. The AV information bar is retracted.

## How to use the map

### Enlarged map of the intersection

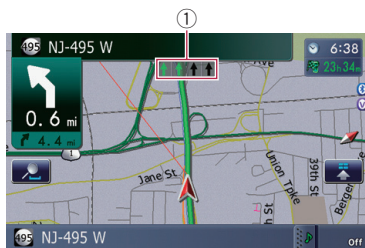
When “Close Up View” in the “Map Settings” screen is “On”, an enlarged map of the intersection appears.



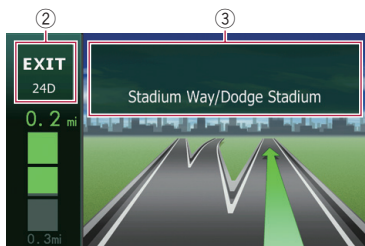
➤ For details, refer to *Setting “Close Up View”* on page 42.

### Display during freeway driving

In certain locations of the freeway, lane information is available, indicating the recommended lane to be in to easily maneuver the next guidance.



While driving on the freeway, freeway exit numbers and freeway signs may be displayed when in the vicinity of interchanges and exits.



#### 1 Lane information

#### 2 Freeway exit information

Displays the freeway exit.

#### 3 Freeway signs

These show the road number and give directional information.

- ☐ If the data for these items is not contained in the built-in memory, the information is not available even if there are the signs on the actual road. ☐



## Operating the map screen

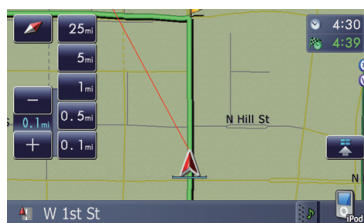
### Changing the scale of the map

You can change the map scale between 25 meters and 2 000 kilometers (25 yard and 1 000 miles).

#### 1 Display the map screen.

#### 2 Touch on the map screen.

 and  with the map scale appear.



#### 3 Touch or to change the map scale.

- ☐ If you do not operate the function for a few seconds, the display is automatically returned.
- Touch the direct scale key to change the map to the selected scale directly.

## Switching the map orientation

You can switch the vehicle's direction on the map between “Heading up” and “North up”.

- Heading up:

## How to use the map

The map display always shows the vehicle's direction as proceeding toward the top of the screen.

- North up:  
The map display always has north at the top of the screen.
- ❑ The map orientation is fixed at “North up” in the following situation.
  - When the map scale is 50 kilometers (25 miles) or more.
- ❑ The map orientation is fixed at “Heading up” in the following situation.
  - When the 3D map screen is displayed.

### 1 Display the map screen.

### 2 Touch on the map screen.

 or  appears.



### 3 or appears.

Each time you touch the key changes that setting.

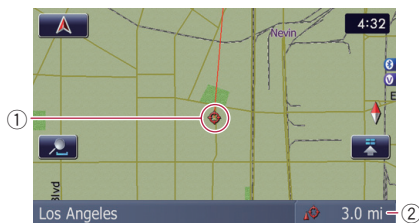
- ❑ If you do not operate the function for a few seconds, the display is automatically returned.

## Scrolling the map

New translation required.

### 1 Display the map screen.

### 2 Touch and drag the map in the desired direction to scroll.



- ① Cursor
- ② Distance from the current position

Positioning the cursor to the desired location results in a brief informational overview about the location being displayed at the bottom of screen, with street name and other information for this location being shown. (The information shown varies depending on the position.)

- ❑ The scrolling increment depends on your dragging length.

### ▪ Touch .

The map returns to the current position.

- ❑ Pressing **MODE** button returns the map to the current position.

## Quick Access

“Quick Access” allow you to perform various tasks, such as route calculation for the location indicated by the scroll cursor or registering a location in [Address Book], faster than using the navigation menu.

You can customize “Quick Access” displayed on screen. The shortcuts described here are prepared as the default setting.

➡ For more details about “Changing a shortcut”, refer to *Selecting “Quick Access”* on page 47

- ❑ Items marked with an asterisk (\*) cannot be removed from Shortcut menu.