

**Pioneer**

English

Français

## Important Information for the User Information importante pour l'utilisateur

MULTIMEDIA NAVIGATION RECEIVER  
RECEPTEUR DE NAVIGATION MULTIMEDIA

# AVIC-Z150BH AVIC-X950BH AVIC-X850BT AVIC-X8510BT

Be sure to read both this leaflet and Operation Manual contained on the CD-ROM accompanying this navigation system! Both documents include important information that you must understand before using this navigation system.

Assurez-vous de lire le feuillet ainsi que le manuel de fonctionnement sur le CD livré avec ce système de navigation ! Les deux documents comportent des informations importantes que vous devez comprendre pour pouvoir utiliser ce système de navigation.

**Notice to all users: / Notice à tous les utilisateurs :**

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.

Ce logiciel nécessite que le système de navigation soit correctement connecté au frein de stationnement de votre véhicule et en fonction du véhicule, une installation supplémentaire peut être nécessaire. Pour plus d'information, veuillez contacter votre revendeur Pioneer Electronics autorisé ou appeler le (800) 421-1404.

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**PCRE LICENCE**

PCRE is a library of functions to support regular expressions whose syntax and semantics are as close as possible to those of the Perl 5 language.

Release 8 of PCRE is distributed under the terms of the "BSD" licence, as specified below. The documentation for PCRE, supplied in the "doc" directory, is distributed under the same terms as the software itself.

The basic library functions are written in C and are freestanding. Also included in the distribution is a set of C++ wrapper functions, and a just-in-time compiler that can be used to optimize pattern matching. These are both optional features that can be omitted when the library is built.

**THE BASIC LIBRARY FUNCTIONS**

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**PCRE JUST-IN-TIME COMPILATION SUPPORT**

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**STACK-LESS JUST-IN-TIME COMPILER**

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**zlib licence**

zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.3, July 18th, 2005

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://www.ietf.org/rfc/rfc1950.txt> (zlib format), [rfc1951.txt](http://www.ietf.org/rfc/rfc1951.txt) (deflate format) and [rfc1952.txt](http://www.ietf.org/rfc/rfc1952.txt) (gzip format).

zlib.h -- interface of the 'zlib' general purpose compression library

version 1.2.6, January 29th, 2012

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## Contents

### *Thank you* for buying this Pioneer product.

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

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## Precaution

### Information to User

MODEL NO.: AVIC-Z150BH, AVIC-X950BH,  
AVIC-X850BT, AVIC-X8510BT  
FCC ID : AJDK060  
IC : 775E-K060

- This device complies with Part 15 of FCC Rules and Industry Canada licence-exempt RSS standard(s). 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.
- This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.
- The Bluetooth antenna cannot be removed (or replaced) by user.
- This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65 and RSS-102 of the IC radio frequency (RF) Exposure rules. 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 keeping the radiator at least 20 cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles).
- Alteration or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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.

## Precaution

### CAUTION


This product is a Class 1 laser product classified under the Safety of laser products, IEC 60825-1:2007, and contains a class 1M laser module. To ensure continued safety, do not remove any covers or attempt to gain access to the inside of the product. Refer all servicing to qualified personnel.

**CLASS 1 LASER PRODUCT**

**CAUTION—CLASS 1M VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN, DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS.**

- Slowly increase the sound until you can hear it comfortably and clearly, without distortion.
- Once you have established a comfortable sound level, set the dial and leave it there.

### BE SURE TO OBSERVE THE FOLLOWING GUIDELINES:

- Do not turn up the volume so high that you can't hear what's around you.
- Use caution or temporarily discontinue use in potentially hazardous situations.
- Do not use headphones while operating a motorized vehicle; the use of headphones may create a traffic hazard and is illegal in many areas. 



### WARNING

Handling the cord on this product or cords associated with accessories sold with the product may 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.**

## The Safety of Your Ears is in Your Hands

Get the most out of your equipment by playing it at a safe level—a level that lets the sound come through clearly without annoying blaring or distortion and, most importantly, without affecting your sensitive hearing. Sound can be deceiving. Over time, your hearing “comfort level” adapts to higher volumes of sound, so what sounds “normal” can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

### ESTABLISH A SAFE LEVEL:

- Set your volume control at a low setting.

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## About the data for the map database

- Modifications related to roads, streets/highways, terrain, construction and other things before/during the development period may not be reflected in this database. Inevitably, those modifications after that period are not reflected in this database.
- Regardless of existing and newly-built things, the data may be different from the actual condition.
- For details about the map coverage of this navigation system, refer to the information on our website.
- It is strictly prohibited to reproduce and use any part or the whole of this map in any form without permission from the copyright owner.
- If the local traffic regulations or conditions deviate from this data, follow the local traffic regulations (such as signs, indications, etc.) and conditions (such as construction, weather, etc.).
- The traffic regulation data used in the map database applies only to standard sized passenger vehicles. Note that regulations for larger vehicles, motorbikes, and other non-standard vehicles are not included in the database.
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## Introduction

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## Terms used in this manual


### “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 screen that is commercially available and can be connected to 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.

### “SD memory card”

The SD memory card, SDHC memory card, microSD card and microSDHC card are collectively referred to as the “SD memory card”. 

## Important safety information



### WARNING

- Do not attempt to install or service this product by yourself. Installation or servicing of this product 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, injury or other hazards.
- 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.
- 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.



### 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 considered. 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 regula-

tions 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 phoning 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.




## Important safety information

- 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.  
Failure to follow the warnings and cautions as described in this manual and on the product itself and/or failure to use this product properly may result in serious injury or death.
- 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.



### CAUTION

- When removing or attaching the detachable faceplate, do so after turning off the ignition switch (ACC OFF).
- Never grip the buttons tightly or use force when removing or attaching.
- Do not leave the detachable faceplate in places where it may become subject to high temperatures or humidity, such as:
  - Places close to a heater, vent or air conditioner.
  - Places exposed to direct sunlight, such as on top of the dashboard or the rear shelf.
  - Places that may be exposed to rain, such as close to the door or on the vehicle's floor.
- When you leave your vehicle, be sure to remove the detachable faceplate from the navigation system and take it with you.
- After removing the detachable faceplate, keep it in a safe place so it is not scratched or damaged.
- Keep the detachable faceplate out of reach of small children to prevent them from placing it in their mouths.
- Do not expose the detachable faceplate to excessive shock or disassemble it.
- Be careful not to touch terminals on the detachable faceplate or on the navigation system. Doing so may cause connection failures. If any terminals are dirty, wipe them with a clean dry cloth. 

## Cautions for the detachable faceplate

- This cautionary statements apply to AVIC-X950BH, AVIC-X850BT and AVIC-X8510BT.

## Traffic information

- This cautionary statements apply to AVIC-Z150BH and AVIC-X950BH.
- Pioneer does not bear responsibility for the accuracy of the information transmitted.
- Pioneer does not bear responsibility for changes to information services provided by broadcasting stations or 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. □

## Functions related to iPhone and smartphone-based apps

Review Operation Manual for safe operation of this product. Always observe safe driving rules and driving laws. Do not use any feature of this product if it cannot be operated safely and legally in your location while driving. Prior to operating iPhone and smartphone-based apps that are accessible from this product, review all usage instructions, cautions, and warning messages provided with the app. When using navigation apps, stay alert and observe real world conditions first. □

## Additional safety information

### Parking brake interlock

Certain functions (such as viewing of video image and certain touch panel key operations) offered by this navigation system could be dangerous (possibly resulting in serious injury or death) 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.**
- **Do not take any steps to tamper with or disable the parking brake interlock system which is in place for your protection. Tampering with or disabling the parking brake interlock system could result in serious injury or death.**
- 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 jurisdictions 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.
- When applying the parking brake in order to view video image or to enable other functions offered by the navigation system, park your ve-

hicle 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 speed signal detection, GPS signal detection and driving habits or conditions of the place where the vehicle is parked.

If 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. 

### 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 install this product in a vehicle that does not have an ACC wire or circuitry available. 


## 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. 


## Handling the SD card slot

### CAUTION

- Keep the SD memory card out of the reach of small children to prevent them from accidentally swallowing it.
- 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.
- Never insert or eject an SD memory card while driving. 

## Handling the USB connector

### CAUTION

- To prevent data loss and damage to the storage device, never remove it from this navigation system while data is being transferred.
- Pioneer cannot guarantee compatibility with all USB mass storage devices and assumes no responsibility for any loss of data on media players, smart phones, or other devices while using this product. 

## 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  
340 Ferrier Street, Unit 2, Markham, Ontario  
L3R 2Z5, Canada  
1-877-283-5901  
905-479-4411

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



### Visit our website

Visit us at the following site:

<http://www.pioneerelectronics.com>

In Canada

<http://www.pioneerelectronics.ca>

- 1 Register your product.
- 2 Receive updates on the latest products and technologies.
- 3 Download owner's manuals, order product catalogs, research new products, and much more.
- 4 Receive notices of software upgrades and software updates.

### Supplied CD-ROM

#### Operating environment

The supplied CD-ROM can be used with Microsoft® Windows® 2000/XP/Vista/7 and Apple Mac OS X 10.4/10.5/10.6.

Adobe Reader (Version 4.0 or later) is required to read the manuals in the CD-ROM.

#### Precautions for use

The CD-ROM is for use with a personal computer. It cannot be used with any other DVD/CD players or drives. Attempting to run the CD-ROM with such equipment can damage speakers or cause impaired hearing due to excessively loud volume.

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**Note**

When top page is not displayed automatically, insert the CD-ROM into a CD drive and open the CD-ROM, then double-click "INDEX.HTM" to display the top page.

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- For more information, refer to Operation Manual.

