

Pioneer

AVIC-S1

**Important Information
for the User**

Before using this Navigation System, be sure to read and fully understand the important safety information listed below. Also, be sure to read the entire Manual carefully before using this Navigation System. Finally, be sure to keep the Manual in a convenient place for future reference.



WARNINGS

(Warning Statements identify conditions that could result in death or serious injury.)

- The features of this Navigation System are intended solely as an aid to you. It is not a substitute for your attentiveness, judgement, and care when driving or when otherwise operating this Navigation System.
- Do not operate this Navigation System if doing so in any way will divert your attention from the safe operation of your vehicle or other mode of transportation. Only a passenger should program/operate this Navigation System while a vehicle is moving. A driver should use voice guidance (when available) or glance at the screen only when it is necessary and safe to do so. If prolonged viewing of the screen or programming/operation of the unit is required by the driver, do so only when the vehicle is parked in a safe location. Always observe safe driving/operating rules and follow all existing traffic regulations.
- This Navigation System may in certain circumstances display inaccurate or incomplete information regarding your position, the distance of the objects shown on the screen, and compass directions. In addition, the system has certain limitations, including the inability to identify certain one-way streets, temporary traffic restrictions, road and weather conditions, traffic flow, and potentially unsafe driving areas. Recent changes to streets/highways also may not be reflected in this database. Please exercise your own careful judgement in the light of actual conditions and traffic laws/regulations.
- The traffic regulation data used in this Navigation System applies only to standard size passenger vehicles. Regulations/restrictions for other types of vehicles or other modes of transportation, such as recreational vehicles, large commercial vehicles, motorbikes bicycles, etc., are not included in this Navigation System.
- Never use this Navigation System to route to hospitals, police stations, or similar facilities in an emergency. Please call the appropriate emergency number.
- 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 operation systems or safety features, including airbags, hazard lamp buttons, or (iii) impair the driver's ability to safely operate the vehicle. Certain government laws may further prohibit or restrict the placement and use of this Navigation System in your vehicle. Please comply with all applicable laws and regulations regarding the installation and operation of this Navigation System.
- Make sure that this Navigation System is securely fastened with the mount provided by Pioneer or another reliable mounting solution that keeps the unit from becoming a projectile hazard to vehicle occupants in the event of a collision or severe maneuver.

- Never set the volume of your Navigation System so high that you cannot hear emergency vehicles or outside traffic.
- This Navigation System is not waterproof. Do not expose it to water or other liquids or to steam or vapor. If liquids or foreign matter should get inside this Navigation System, turn off the power immediately and consult your dealer or the nearest Pioneer authorized service center. Do not use the Navigation System in this condition because doing so may result in a fire, electric shock, or other failure.
- Handling the cords that come with this Navigation System (or that can be used to connect with the unit) may expose you to chemicals listed in Proposition 65 that are known to the State of California and other governmental entities to cause cancer and birth defects or other reproductive harm. Wash your hands after handling the cords.
- Never allow others to use this Navigation System unless they have read and understood the User Manual and the Important Information for the User.
- Never service this Navigation System yourself. 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, and can cause damage to the Navigation System that is not covered by warranty. Be sure to consult your dealer or the nearest Pioneer authorized service center for internal inspection, adjustments or repairs.
- This unit contains a non-replaceable internal Lithium Ion battery. The battery can burst or explode, releasing hazardous chemicals. To reduce the risk of fire or burns, do not disassemble, crush, puncture, or dispose of in fire or water. Only use the battery that came with your unit (or any replacement batteries).
- For the AC adapter and 12V adapter for the vehicle, (1) do not use it in a high moisture environment; (2) never touch it when your hands or feet are wet; (3) always allow adequate ventilation around it when it is in use; (4) do not cover it with paper or other objects that will reduce cooling; (5) do not use it while the Navigation System is inside the carrying case; (6) make sure that it is connected to a proper power source (voltage requirements are found on the adapter's casing and/or packaging); (7) do not use it if the cord is damaged; and (8) only use the one that came with your unit.

CAUTIONS

(Caution Statements identify conditions that could cause damage to the system or other equipment.)

- The availability of navigation data depends on the ability of the antenna to receive a GPS satellite signal. A minimum of 4 GPS satellite signals is needed to determine current GPS position. The signal may be unavailable if obstructed by such things as overhead roofs, tall buildings, tunnels, bridges, and in some cases bad weather. Depending upon where you are, it may take a short time for the Navigation System to re-establish your position after a GPS satellite signal is re-acquired.
- Other wireless devices in the vehicle may interfere with the reception of GPS satellite signals, and cause the reception to be unstable.

- In order to prevent theft and/or sun/heat damage, remove this Navigation System from its mount when it is not being used.
- The windshield on some vehicles contains a special metallic coating that could block GPS satellite signals from this Navigation System. In such cases, it may be necessary to use an external antenna outside the vehicle.
- Disposal of this Navigation System may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronics Industries Alliance at www.eiae.org.
- The navigation data encoded in the Navigation System is the intellectual property of the provider, and the provider is responsible for such content. Pioneer is not responsible for the accuracy of the information.
- Register your Navigation System with Pioneer and regularly consult the Pioneer Electronics website (<http://www.pioneerelectronics.com> for USA or <http://www.pioneerelectronics.ca> for Canada) to obtain periodic updates for your Navigation System.
- In some older cars, if this Navigation System is plugged into a car adapter socket and the vehicle's ignition switch does NOT cut off power to the car adapter socket when the vehicle is turned off, the vehicle's battery could be drained after a long period of time and prevent the car from starting. Please review your vehicle's manual or contact your vehicle's manufacturer for further information.
- If you connect this Navigation System to a computer using the USB cord, do not delete any map data files other critical files that are required to run this Navigation System.

Notice to All Drivers

Certain states prohibit the installation of product on a vehicle's windshield. Those that are known as of the release date of this product are listed below; however, please make sure that you are in compliance with your state's most recent law before installing this product. Pioneer is not responsible for any damages, penalties, or fines that may occur as a result of illegal installation.

Notice to Customers Driving in California and Minnesota

Use the "Dashboard Mount" instructions when installing this product, as state law prohibits the installation of products on vehicle windshields. Pioneer is not responsible for any damages, penalties, or fines that may occur as a result of illegal installation. Refer to California Vehicle Code 26708, and Minnesota Statutes 169.71 for details.

Charging

- Use only the AC adapter (S3-9401K) supplied with your device. Use of another type of AC adapter will result in malfunction and/or danger.
- This product is intended to be supplied by a LISTED Power Unit marked with “LPS”, “Limited Power Source” and output rated “+ 5 V dc / 1.5A.”
- Use a specified battery in the equipment.

AC Adapter

- Do not use the adapter in a high moisture environment. Never touch the adapter when your hands or feet are wet.
- Allow adequate ventilation around the adapter when using it to operate the device or charge the battery. Do not cover the AC adapter with paper or other objects that will reduce cooling. Do not use the AC adapter while it is inside a carrying case.
- Connect the adapter to a proper power source. The voltage requirements are found on the product case and/or packaging.
- Do not use the adapter if the cord becomes damaged.
- Do not attempt to service the unit. There are no serviceable parts inside. Replace the unit if it is damaged or exposed to excess moisture.

Battery

- Do not attempt to remove or replace the internal Lithium Ion Battery yourself.
- Use a specified charger approved by the manufacturer.
- **CAUTION:** This unit contains a non-replaceable internal Lithium Ion battery. The battery can burst or explode, releasing hazardous chemicals. To reduce the risk of fire or burns, do not disassemble, crush, puncture, or dispose of in fire or water.
- Important instructions (for service personnel only)
 - ✓ **Caution:** Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
 - ✓ Replace only with the same or equivalent type recommended by the manufacturer.
 - ✓ The battery must be recycled or disposed of properly.
 - ✓ Use the battery only in the specified equipment.

Additional Information

Failure to Operate

Should this Navigation System fail to operate properly, contact your dealer or the nearest authorized Pioneer service facility. To locate your nearest authorized Pioneer service facility, please visit the Pioneer Electronics website (<http://www.pioneerelectronics.com> for USA or <http://www.pioneerelectronics.ca> for Canada), or call the Pioneer customer service telephone numbers listed below.

After-sales Service for Pioneer Products

Please contact the dealer or distributor from where 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 Pioneer as specified below:

(Do not ship your product to the companies at the addresses listed below for repair without making advance contact.)

U.S.A. --
Pioneer Electronics Service, Inc.
P.O. Box 1760
Long Beach, CA 90810-1760
1-800 421-1404

CANADA --
Pioneer Electronics of Canada, Inc.
Customer Satisfaction Department
300 Allstate Parkway Markham, Ontario L3R OP2
1-877-283-5901

Warranty Information

For warranty information, please see the Limited Warranty sheet included in the last page of this booklet or visit the Pioneer Electronics website (<http://www.pioneerelectronics.com> for USA or <http://www.pioneerelectronics.ca> for Canada)

Product Registration

Please visit the Pioneer Electronics website (<http://www.pioneerelectronics.com> for USA or <http://www.pioneerelectronics.ca> for Canada) to register your product. You receive certain benefits by registering your product such as keeping the details of your purchase on file in the event you need such information for an insurance claim (loss or theft), providing you notices about product updates, giving you access to owner's manuals and other information, and sending you emails about the latest Pioneer products and technologies.

Regulatory Information

FCC

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.

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

FCC ID : P4QAVIC-S1
MODEL NO. : AVIC-S1
IC: 2420C-AVICS1

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

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/IC radiation exposure limits set forth for uncontrolled equipment and meets the FCC/IC 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 is deemed to comply without testing of specific absorption ratio (SAR).

Bluetooth



Bluetooth is a short-range wireless radio connectivity technology that is developed as a cable replacement for cellular phones, handheld PCs and other devices.

Bluetooth operates in 2.4 GHz frequency range and transmits voice and data at speeds up to 1 megabit per second. Bluetooth was launched by a special interest group (SIG) that comprises of Ericsson Inc., Intel Corp., Nokia Corp., Toshiba and IBM in 1998, and it is currently developed by nearly 2 000 companies worldwide.

- The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Pioneer Corporation is under license. Other trademarks and trade names are those of their respective owners.

Operating environment

This unit should be used within the temperature ranges shown below.

Operating temperature range: -10 to +60 °C (14 to 140 °F)

EN300328 ETC test temperature: -20 and +55 °C (-4 and 131 °F)

- The line-of-sight distance between this unit and your cellular phone must be 10 meters or less in sending and receiving voice and data via Bluetooth technology.
- However, the transmission distance may become shorter than the estimated distance, depending on the environment in use.
- There are some Bluetooth enabled cellular phones that can be incompatible with this unit due to their Bluetooth version.
- The performance test of this unit with all Bluetooth enabled cellular phones is not conducted. Also, it is not guaranteed that this unit can be connected to all Bluetooth enabled cellular phones.
- About the Bluetooth profile and its overview
It is required that the Bluetooth enabled cellular phone to be connected to this unit is implemented with the same profile. HFP (Hands Free Profile): the profile used for hands-free calling OPP (Object Push Profile): the profile used for transferring data such as address books.
- **WARNING:** Handling the cords that come with this Navigation System (or that can be used to connect with the unit) may expose you to chemicals listed in Proposition 65 that are known to the State of California and other governmental entities to cause cancer and birth defects or other reproductive harm. **Wash your hands after handling the cords.**

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PIONEER AVIC-S1 - for U.S.A.

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CONTRACTOR (MANUFACTURER/SUPPLIER) NAME: NAVTEQ
CONTRACTOR (MANUFACTURER/SUPPLIER) ADDRESS: 222 Merchandise Mart Plaza,
Suite 900, Chicago, Illinois 60654

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PIONEER ELECTRONICS (USA) INC.

PIONEER ELECTRONICS OF CANADA, INC.

LIMITED WARRANTY
WARRANTY VALID ONLY IN COUNTRY OF PRODUCT PURCHASE

WARRANTY

Pioneer Electronics (USA) Inc. (PUSA), and Pioneer Electronics Of Canada, Inc. (POC), warrant that products distributed by PUSA in the U.S.A., and by POC in Canada that fail to function properly under normal use due to a manufacturing defect when installed and operated according to the owner's manual enclosed with the unit will be repaired or replaced with a new or comparable value, at the option of PUSA or POC, without charge to you for parts or actual repair work.

THIS LIMITED WARRANTY APPLIES TO THE ORIGINAL OR ANY SUBSEQUENT OWNER OF THIS PIONEER PRODUCT DURING THE WARRANTY PERIOD PROVIDED THE PRODUCT WAS PURCHASED FROM AN AUTHORIZED PIONEER DISTRIBUTOR/DEALER IN THE U.S.A. OR CANADA. YOU WILL BE REQUIRED TO PROVIDE A SALES RECEIPT OR OTHER VALID PROOF OF PURCHASE SHOWING THE DATE OF ORIGINAL PURCHASE OR, IF RENTED, YOUR RENTAL CONTRACT SHOWING THE PLACE AND DATE OF FIRST RENTAL. IN THE EVENT SERVICE IS REQUIRED, THE PRODUCT MUST BE DELIVERED WITHIN THE WARRANTY PERIOD, TRANSPORTATION PREPAID, ONLY FROM WITHIN THE COUNTRY OF PURCHASE AS EXPLAINED IN THIS DOCUMENT.

PRODUCT WARRANTY PERIOD

Table with 2 columns: Product, Parts, Labor. Rows include Car Navigation Products (1 Year / 1 Year) and Car Navigation Products Battery (90 Days / 90 Days).

WHAT IS NOT COVERED

IF THIS PRODUCT WAS PURCHASED FROM AN UNAUTHORIZED DISTRIBUTOR, THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND THIS PRODUCT IS SOLD STRICTLY "AS IS" AND "WITH ALL FAULTS".

PIONEER DOES NOT WARRANT ANY PRODUCT LISTED ABOVE WHEN IT IS USED IN A TRADE OR BUSINESS OR IN ANY INDUSTRIAL OR COMMERCIAL APPLICATION. THIS WARRANTY DOES NOT APPLY IF THE PRODUCT HAS BEEN SUBJECTED TO POWER IN EXCESS OF ITS PUBLISHED POWER RATING.

THIS WARRANTY DOES NOT COVER DISPLAY SCREENS DAMAGED BY STATIC, NON-MOVING, IMAGES APPLIED FOR LENGTHY PERIODS (BURN-IN).

THIS WARRANTY DOES NOT COVER THE CABINET OR ANY APPEARANCE ITEM, USER ATTACHED ANTENNA, ANY DAMAGE TO RECORDS OR RECORDING TAPES OR DISCS, ANY DAMAGE TO THE PRODUCT RESULTING FROM ALTERATIONS, MODIFICATIONS NOT AUTHORIZED IN WRITING BY PIONEER, ACCIDENT, MISUSE OR ABUSE, DAMAGE DUE TO LIGHTNING OR TO POWER SURGES, SUBSEQUENT DAMAGE FROM LEAKING, DAMAGE FROM IMPROPER BATTERY USE, OR THE USE OF BATTERIES NOT CONFORMING TO THOSE SPECIFIED IN THE OWNER'S MANUAL.

THIS WARRANTY DOES NOT COVER THE COST OF PARTS OR LABOR WHICH WOULD BE OTHERWISE PROVIDED WITHOUT CHARGE UNDER THIS WARRANTY OBTAINED FROM ANY SOURCE OTHER THAN A PIONEER AUTHORIZED SERVICE COMPANY OR OTHER DESIGNATED LOCATION. THIS WARRANTY DOES NOT COVER DEFECTS OR DAMAGE CAUSED BY THE USE OF UNAUTHORIZED PARTS OR LABOR OR FROM IMPROPER MAINTENANCE.

ALTERED, DEFACED, OR REMOVED SERIAL NUMBERS VOID THIS ENTIRE WARRANTY

NO OTHER WARRANTIES

IN THE U.S.A. - PIONEER LIMITS ITS OBLIGATIONS UNDER ANY IMPLIED WARRANTIES INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, TO A PERIOD NOT TO EXCEED THE WARRANTY PERIOD. NO WARRANTIES SHALL APPLY AFTER THE WARRANTY PERIOD. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS AND SOME STATES DO NOT ALLOW THE EXCLUSIONS OR LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU.

IN CANADA - EXCEPT AS EXPRESSLY PROVIDED HEREIN, THERE ARE NO REPRESENTATIONS, WARRANTIES, OBLIGATIONS OR CONDITIONS, IMPLIED, STATUTORY OR OTHERWISE, APPLICABLE TO THIS PRODUCT.

TO OBTAIN SERVICE

In the U.S.A. or Canada to receive warranty service you need to present your sales receipt or your rental contract showing place and date of original owner's transaction.

USA - Please contact one of the following Pioneer partners to obtain service:

Your Authorized Pioneer Dealer - Your Pioneer Dealer may repair or replace your unit, or refer you to an Authorized Pioneer Service Company. Your sales receipt should list the contact information (phone number, fax, email, etc.) for your Dealer.

Your Authorized Pioneer Service Company - Can perform repairs for most Car Electronics products and can advise other options as applicable. Please access the Pioneer website at www.pioneerelectronics.com and click on Service and Support and select Authorized Service Locator to find the nearest Pioneer service.

Pioneer Electronics Service - Can advise the optimal service option for your model and geographic location. Please reference the information listed below and phone, email or access the Pioneer website to contact Pioneer.

CANADA - POC has a number of Authorized Service Companies should your product require service. Contact Pioneer of Canada as listed below to obtain a local service location.

Shipping Your Unit for Service - Please package it carefully and send it, transportation prepaid by a traceable, insured method, to an Authorized Service Company or Pioneer. Use adequate padding material to prevent damage in transit. Include your name, address and telephone number where you can be reached during business hours.

On all complaints and concerns in the U.S.A. call Customer Support at 1-800-421-1404, or, in Canada, call Customer Satisfaction at 1-877-283-5901.

IN THE U.S.A.
For hook-up and operation of your unit or to locate an Authorized Service Company, please call or write:
PIONEER ELECTRONICS SERVICE, INC.
P.O. BOX 1780
LONG BEACH, CALIFORNIA 90801
1-800-421-1404
http://www.pioneerelectronics.com

IN CANADA
For additional information on this warranty, please call or write:
CUSTOMER SATISFACTION GROUP
PIONEER ELECTRONICS OF CANADA, INC.
300 ALL STATE PARKWAY
MARKHAM, ON L3R 0P2
(905) 479-4411 1-877-283-5901
http://www.pioneerelectronics.ca

DISPUTE RESOLUTION

IN THE U.S.A. - Following our response to any initial request to Customer Support, should a dispute arise between you and Pioneer, Pioneer makes available its Complaint Resolution Program to resolve the dispute. The Complaint Resolution Program is available to you without charge. You are required to use the Complaint Resolution Program before you exercise any rights under, or seek any remedies, created by Title I of the Magnuson-Moss Warranty-Federal Trade Commission Improvement Act, 15 U.S.C. 2301 et seq.

To use the Complaint Resolution Program call 1-800-421-1404 and explain to the customer service representative the problem you are experiencing, steps you have taken to have the product repaired during the warranty period and the name of the authorized Distributor/Dealer from whom the Pioneer product was purchased. After the complaint has been explained to the representative, a resolution number will be issued. Within 40 days of receiving your complaint, Pioneer will investigate the dispute and will either: (1) respond to your complaint in writing informing you what action Pioneer will take, and in what time period, to resolve the dispute; or (2) respond to your complaint in writing informing you why it will not take any action.

IN CANADA - Call the Customer Satisfaction Manager at (905) 946-7446 to discuss your complaint and to obtain a prompt resolution.

RECORD THE PLACE AND DATE OF PURCHASE FOR FUTURE REFERENCE

Model No. Serial No. Purchase Date
Purchased From

KEEP THIS INFORMATION AND YOUR SALES RECEIPT IN A SAFE PLACE