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Pioneer AVIC-ZH0999W

Pioneer AVIC-ZH0999W Car Navigation System User Manual

Model: AVIC-ZH0999W

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Pioneer AVIC-ZH0999W Car Navigation System. Please read this manual thoroughly before using the product to ensure correct and safe operation. Keep this manual for future reference.

PRODUCT FEATURES

- **7-inch Wide VGA Display:** Enjoy clear visuals on the 200mm wide screen.
- **Integrated Multimedia:** Supports Full Seg TV, DVD-V, CD, Bluetooth, USB, SD, FM, and AM tuner functions.
- **Free Map Data Updates:** Receive free map data updates for up to 3 years from the product's release date (until April 2018).
- **100GB HDD Storage:** Ample storage for maps and media.
- **Voice Operation:** Control various functions using voice commands for convenience and safety.
- **Steering Wheel Remote Control Compatibility:** Seamlessly operate the navigation system using your vehicle's genuine steering wheel remote control (requires separate cable for some models).
- **Advanced Navigation:** Features multi-field map matching, 3D map matching, and a crystal 3D hybrid sensor for precise vehicle positioning, even on complex roads.
- **Optimized Route Search:** Utilizes unique algorithms to calculate optimal routes, considering real-time traffic information and predicted travel times.

SETUP AND INSTALLATION

Proper installation is crucial for optimal performance. It is recommended to have the unit installed by a qualified professional.



Image: Front view of the Pioneer AVIC-ZH0999W car navigation system unit.

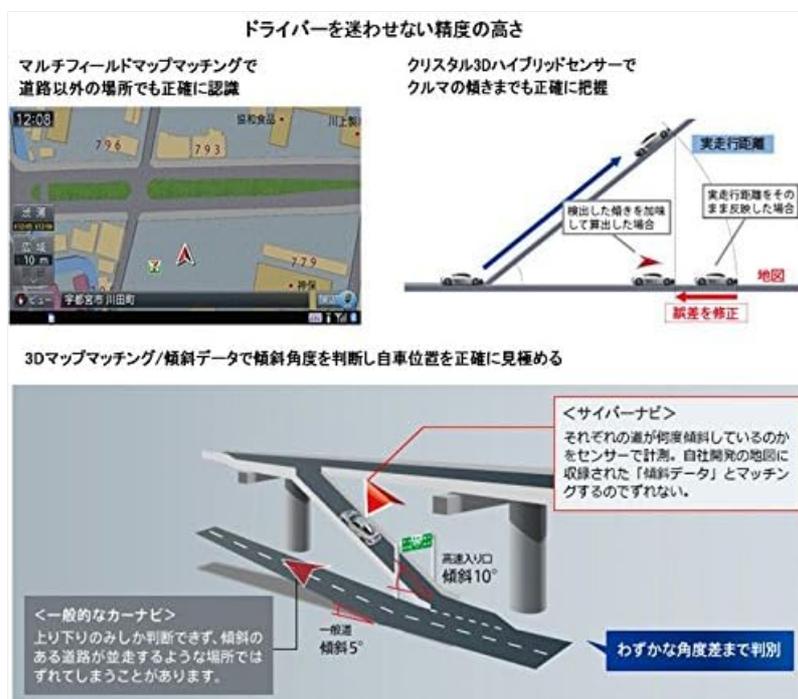


Image: The AVIC-ZH0999W unit seamlessly integrated into a car dashboard, showcasing its 7-inch wide display.

Connecting the Steering Wheel Remote Control

The AVIC-ZH0999W supports genuine steering wheel remote controls from various domestic car manufacturers (Toyota, Honda, Subaru, Mazda, Suzuki, Daihatsu, Mitsubishi, Nissan). This allows for convenient operation without taking your hands off the steering wheel.

- A separate steering wheel remote control cable is required for most vehicles.
- For Toyota/Daihatsu vehicles, a compatible steering wheel remote control cable (KJ-Y101SC equivalent) is included with the AVIC-ZH0999W.

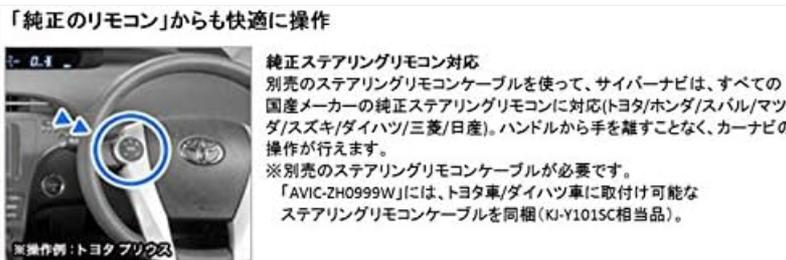


Image: Illustration demonstrating the use of a steering wheel remote control to operate the navigation system, with a focus on a Toyota Prius steering wheel.

OPERATING INSTRUCTIONS

Basic Touch Screen Operation

The AVIC-ZH0999W features a responsive touch screen for intuitive control. You can quickly access functions and navigate menus with simple taps and swipes.

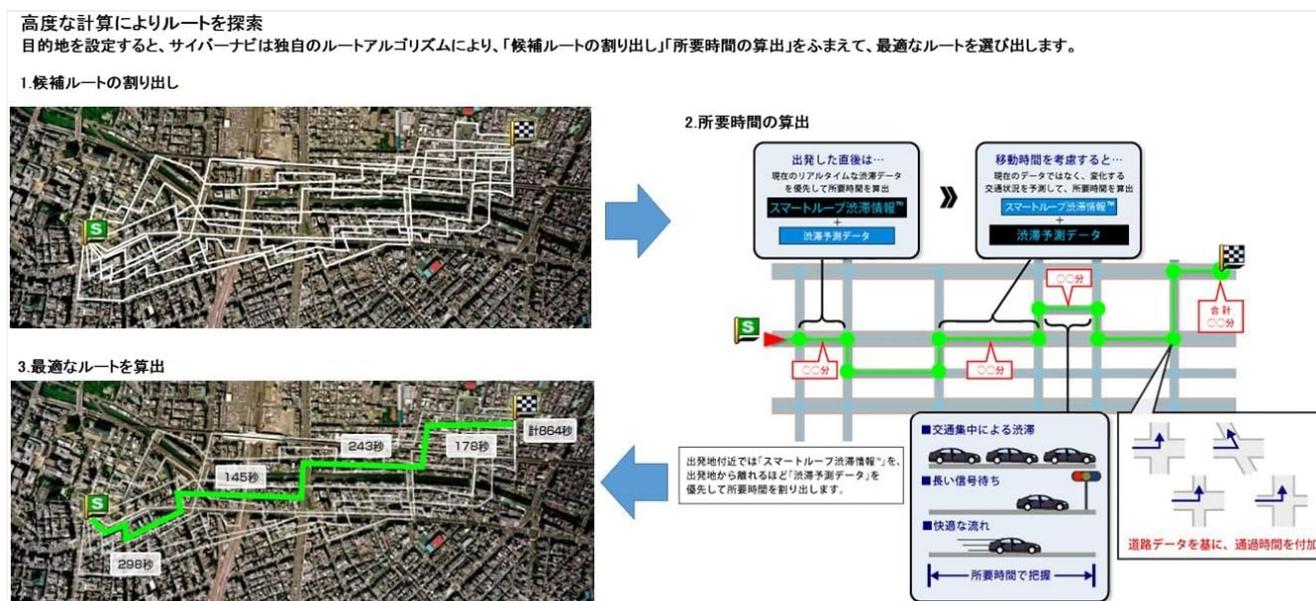


Image: This diagram illustrates the system's responsiveness to driver input. The top section shows quick transitions between different screens and functions. The bottom section demonstrates map scrolling: by continuously touching a desired location, the map moves continuously. The scrolling speed adjusts based on how far the touched point is from the center of the screen, allowing for rapid movement to distant locations. It also depicts 3D map matching and slope data analysis for precise positioning.

Navigation Features

The Cyber Navi system offers highly accurate positioning and intelligent route guidance.

- **Precise Positioning:** Multi-field map matching and a crystal 3D hybrid sensor accurately determine your vehicle's position, even in areas not covered by standard road data. It can precisely detect slopes and differentiate between roads with slight angle differences.
- **Advanced Route Search:** The system calculates optimal routes by considering various factors, including real-time traffic information and predicted travel times. It identifies candidate routes, estimates required time, and selects the most efficient path.



Image: This diagram explains the advanced route search algorithm. It shows how the system identifies candidate routes, calculates estimated travel times based on real-time traffic and predicted congestion, and then selects the optimal route. Factors like traffic jams, long waits at signals, and smooth flowing traffic are considered.

Media Playback

The AVIC-ZH0999W supports a wide range of AV media sources, allowing you to enjoy various digital media simultaneously.

- **iPhone/iPod:** Connect your iPhone or iPod for audio and video playback. (Requires dedicated cable CD-IU51 for optimal use. Compatibility may vary by iPhone/iPod model.)
- **DVD/CD:** Play DVD-V, DVD-R/RW (VR mode/CPRM compatible), CD, CD-R/RW.
- **Bluetooth:** Stream audio wirelessly from Bluetooth-enabled devices (A2DP/AVRCP compatible).
- **USB Devices:** Play audio files (WMA/MP3/AAC/WAV) from USB storage devices.
- **SD Card:** Play audio/video files (WMV/MP4/AVI/WMA/MP3/AAC/WAV) from SDXC compatible SD memory cards.
- **HDMI:** Connect HDMI-enabled devices for high-quality audio and video input.
- **3.5mm Mini Jack:** Use a 3.5mm mini jack for auxiliary audio input. (Requires separate mini jack cable CD-V150M for AV or CD-150M for audio, and extension cable CD-V200ME if needed.)

多彩なAVメディアに対応
 iPhoneや地上デジタル放送、DVD-R/RWなどに加え、大容量SDメモリーカード(SDXC)にも対応しています。さらにHDMI端子などを介して再生できる多様なデジタルメディアに対応。これらのメディアはカーナビを使用しながら同時に楽しむこともできます。

iPod, iPhone (ビデオ対応)
 地デジ
 SDメモリーカード (SDXC対応) (WMV/MP4/AVI/WMA/MP3/AAC/WAV)
 DVD-VIDEO/DVD-R/RW (VRモードのCPRM対応) CD/CD-R/RW (WMA/MP3/AAC/AVI)
 HDMI
 3.5φ4極ミニジャック
 Bluetooth対応機器 (A2DP/AVRCP対応)
 USBデバイス (WMA/MP3/AAC/WAV)

※30ピンコネクターをもつiPhone、iPodで音楽のみを楽しむ場合はiPhone、iPod付属のケーブル、または別売の「CD-IU51」がご使用頂けます。車内に常設する場合には必ず「CD-IU51」をご使用ください。iPhone、iPodの種類により、ご使用いただけない場合や機能制限があります。接続方法や機能制限に関して、詳しくはiPhone、iPod接続情報をご確認ください。

※4極ミニジャックをお使いになる場合は、別売ミニジャックケーブル「CD-V150M」(AV用)または「CD-150M」(音声用)を別売ミニジャック延長ケーブル「CD-V200ME」と組合わせてご使用ください。

Image: This image displays the wide range of AV media supported by the system, including iPhone/iPod (video compatible), Full Seg TV, SD memory card (SDXC compatible), DVD-Video/DVD-R/RW/CD/CD-R/RW, HDMI, 3.5mm mini jack, Bluetooth devices (A2DP/AVRCP compatible), and USB devices.

MAINTENANCE

Cleaning the Unit

To maintain the display's clarity and unit's functionality, regularly wipe the screen and exterior with a soft, dry cloth. Avoid using abrasive cleaners or solvents.

Map Data Updates

Your AVIC-ZH0999W includes free map data updates for a period of up to three years from its release date (until April 2018). Refer to the Pioneer website or contact customer support for instructions on how to download and install map updates.

TROUBLESHOOTING

If you encounter issues with your AVIC-ZH0999W, please refer to the following general troubleshooting steps:

- **No Power:** Check all power connections and ensure the vehicle's ignition is on.
- **No Sound:** Verify volume settings, audio source selection, and speaker connections.
- **Navigation Errors:** Ensure GPS antenna is properly installed and has a clear view of the sky. Check for updated map data.
- **Touch Screen Unresponsive:** Try restarting the unit. If the issue persists, contact customer support.

For more detailed troubleshooting, please consult the full service manual or contact Pioneer customer support.

SPECIFICATIONS

Brand	Pioneer
Model Name	AVIC-ZH0999W
Screen Size	7 Inches
Display Type	Wide VGA
Memory Storage Capacity	100 GB (HDD)
Connectivity Technology	USB, Bluetooth, HDMI, SD
Special Features	Voice Operation, Free Map Updates
Mounting Type	Dashboard Mount, Front Glass Mount
Compatible Vehicle Type	Passenger Car
Product Weight	3.73 Kilograms
Package Dimensions	33.7 x 26.4 x 16.7 cm
ASIN	B00XBOCASC

WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official Pioneer

website. For technical support, product inquiries, or service, please contact Pioneer customer service through their official channels.

Official Pioneer Website: www.pioneer-car.jp