

## Pioneer AVIC-RZ503

# Pioneer Carrozzeria AVIC-RZ503 7-inch Car Navigation System User Manual

Model: AVIC-RZ503 | Brand: Pioneer

## 1. INTRODUCTION

This user manual provides essential information for the safe and effective operation of your Pioneer Carrozzeria AVIC-RZ503 car navigation system. Please read this manual thoroughly before using the product and keep it for future reference. This system is designed to enhance your driving experience with advanced navigation and multimedia capabilities.

## 2. FEATURES OVERVIEW

The Pioneer Carrozzeria AVIC-RZ503 is a 7-inch 2DIN car navigation system offering a range of features for an optimized in-car experience. Key functionalities include:

- 7V type WVGA display with a standard 180mm installation size.
- Integrated media playback: One-Seg TV, DVD-V, CD, Bluetooth, USB, SD card, and FM/AM tuner.
- Map update support (paid service).
- Hands-free calling functionality.



Figure 2.1: Main unit displaying a detailed navigation map with current location and route information.

もっと楽に、もっと楽しく。

ドライブ中の使用環境を考え抜いた「クルマ最適発想」でさらに便利に。  
 ナビ/AVの基本能力はもちろん、ドライバーの快適を支える操作性まで、  
 高度な能力をさらに使いやすく。  
 楽ナビでドライブはもっと快適で楽しいものへと変わっていきます。



Figure 2.2: Visual representation highlighting the navigation, audio/visual, and interface capabilities of the system.

## 2.1 Navigation Capabilities

The Rakunavi system incorporates unique technology and expertise to provide reliable navigation. It supports comfortable driving by offering high-level navigation functions that are easy for anyone to use, assisting in various driving scenarios from departure to arrival.

## 「ドライブ中」を知り尽くし、安心を支える。

ドライブ中の状況は、常に刻々と変化していきます。楽ナビは、長年培った独自のテクノロジーとノウハウを注ぎ込んだ、誰でもカンタンに使える高度なナビ能力を搭載。お出かけからお帰りまで、あらゆるシーンで「便利」を届け、快適なドライブをサポートします。



Figure 2.3: The navigation system showing a detailed map view on the main screen, with a secondary display illustrating a split-screen navigation feature.

## 2.2 Audio & Visual Capabilities

Enjoy your time in the car filled with music and video. The Rakunavi system features high-quality functions for playing music and video, along with sound adjustment capabilities. It enriches your driving scene with entertainment tailored to your preferences.



## 音楽や映像で満たされて、もっと出かけたいくなる

クルマにいる時間を、楽しさで満たされたひとときに。楽ナビには、ハイクオリティで音楽や映像を再生するために磨き上げた機能や、音質調整能力が満載。ドライブシーンをあなた好みのエンタテインメントで鮮やかに彩ります。



Figure 2.4: The unit displaying a music playback interface, indicating its audio and visual capabilities.

## 2.3 Integral Smart Interface

The Rakunavi system offers a diverse interface to support ease of use in various driving situations, allowing for

comfortable operation of the car navigation system.

インターフェース

# INTEGRAL SMART INTERFACE

シーンに合わせた使いやすさで支える。

ドライブ中の様々なシーンでの操作を考え、より快適にカーナビを使いこなせるよう、楽ナビには多彩なインターフェースがあります。



Figure 2.5: Illustrates different ways to interact with the system, such as steering wheel controls, touch screen operation, and a rotary knob, emphasizing its user-friendly interface.

### 3. SETUP AND INSTALLATION

The AVIC-RZ503 is designed for 2DIN installation. Due to the complexity of car audio and navigation system installation, professional installation by a qualified technician is highly recommended to ensure proper functionality and safety. Incorrect installation can lead to damage to the unit or vehicle.

#### 3.1 Included Components for Installation

The following components are included to assist with installation:

- GPS antenna (desktop type)
- Terrestrial digital TV broadcast film antenna (One-Seg)
- Hands-free microphone
- Power cable
- Installation parts set
- Warranty card

### 4. OPERATING INSTRUCTIONS

This section provides general guidance on operating the main functions of your AVIC-RZ503 system. For detailed instructions, please refer to the complete product manual.

## 4.1 Navigation System Operation

- **Setting a Destination:** Use the touch screen to input your destination via address, point of interest (POI), or coordinates.
- **Route Guidance:** Once a destination is set, the system will calculate and display the optimal route. Follow the voice prompts and on-screen directions.
- **Map View:** Adjust the map scale, view mode (2D/3D), and orientation (North-up/Heading-up) as desired.
- **Traffic Information:** The system supports VICS (Vehicle Information and Communication System) for real-time traffic updates, which may be displayed on the map.

## 4.2 Audio and Visual Playback

- **DVD/CD Playback:** Insert a DVD or CD into the disc slot. The system will automatically detect and begin playback. Use the on-screen controls for playback functions.
- **USB/SD Media:** Connect a USB device or insert an SD card containing audio or video files. Select the USB or SD source from the main menu to browse and play media.
- **FM/AM Tuner:** Select the radio source. Use the tuning controls to find and save your preferred stations.
- **One-Seg TV:** Select the TV source to watch terrestrial digital broadcasts. Ensure the included film antenna is properly installed for optimal reception.

## 4.3 Bluetooth Connectivity

- **Pairing a Device:** Enable Bluetooth on your mobile device and on the AVIC-RZ503. Search for available devices on your phone and select 'AVIC-RZ503' to pair.
- **Hands-Free Calling:** Once paired, you can make and receive calls through the navigation system using the included hands-free microphone.
- **Audio Streaming:** Stream music from your paired Bluetooth device to the AVIC-RZ503.

## 5. MAINTENANCE

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Regular maintenance helps ensure the longevity and optimal performance of your navigation system.

- **Screen Cleaning:** Gently wipe the display screen with a soft, dry cloth. For stubborn smudges, use a cloth lightly dampened with a screen cleaner specifically designed for electronic displays. Avoid harsh chemicals or abrasive materials.
- **General Care:** Keep the unit free from dust and debris. Avoid exposing the unit to extreme temperatures or direct sunlight for extended periods.
- **Disc Slot:** Keep the disc slot clear of foreign objects.

## 6. TROUBLESHOOTING

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If you encounter issues with your AVIC-RZ503, refer to the following common troubleshooting tips. For more complex problems, consult the full product manual or contact customer support.

- **No Power:** Check all power connections. Ensure the vehicle's ignition is on.
- **No Sound:** Verify volume settings. Check speaker connections. Ensure the audio source is correctly selected.
- **GPS Signal Loss:** Ensure the GPS antenna has a clear view of the sky. Move the vehicle to an open area if in a tunnel or underground parking.

- **Touch Screen Unresponsive:** Try restarting the unit. If the issue persists, a system reset may be required (refer to the full manual for reset procedures).
- **Map Data Outdated:** The map data is from 2019. Map updates are available as a paid service.

## 7. SPECIFICATIONS

Feature	Specification
Manufacturer	Pioneer
Brand	Pioneer
Model Name	AVIC-RZ503
Product Model Number	AVIC-RZ503
Screen Size	7 inches
Resolution	1280x720x3
Installation Size	2DIN (180mm standard model)
Color	Black
Product Weight	2.4 Kilograms
Connectivity Technology	Bluetooth, USB
Map Type	Street
Special Features	Hands-free
Mounting Type	Dashboard Mount
Compatible Vehicle Type	Passenger Car
ASIN	B07YNTWB3R

## 8. WARRANTY AND SUPPORT

The Pioneer Carrozzeria AVIC-RZ503 comes with a **1-year warranty** from the date of purchase. Please retain your proof of purchase for warranty claims.

For technical support, detailed troubleshooting, or to inquire about map updates, please visit the official Pioneer website or contact their customer service department. Contact information can typically be found on the warranty card or the manufacturer's website.

