

Pioneer AVIC-EVZ05

Pioneer Carrozzeria Rakunavi AVIC-EVZ05 Car Navigation System User Manual

Model: AVIC-EVZ05

1. INTRODUCTION AND OVERVIEW

The Pioneer Carrozzeria Rakunavi AVIC-EVZ05 is an advanced 7V-type wide VGA AV integrated memory navigation system designed for in-vehicle use, particularly for electric vehicles (EVs). This unit combines navigation, entertainment, and communication features into a single device, offering a comprehensive driving experience. Key features include an 8GB flash memory for map data, a high-resolution LED-backlit monitor, One-Seg TV tuner, DVD/CD playback capabilities, and integrated Bluetooth for hands-free calling and audio streaming.

2. SAFETY INFORMATION

Always prioritize safety. Read and understand all safety warnings and instructions before operating this product. Improper installation or use can lead to accidents, injury, or damage. Do not operate the navigation system or other functions that require visual attention while driving. Always pull over to a safe location before making adjustments or inputting data. Keep the volume at a level that allows you to hear outside traffic sounds. Consult a professional for installation to ensure proper wiring and secure mounting.

3. PACKAGE CONTENTS

Verify that all items are present in the package before proceeding with installation.

- AVIC-EVZ05 Main Unit
- GPS Antenna
- Terrestrial Digital TV (One-Seg) Film Antenna
- Hands-free Microphone
- Installation Parts Set (various cables, brackets, screws)

4. SETUP AND INSTALLATION

Installation of the AVIC-EVZ05 requires technical knowledge and should ideally be performed by a qualified professional. Incorrect installation can damage the unit or your vehicle's electrical system. Ensure the vehicle's battery is disconnected

before beginning any wiring work.

4.1 Mounting the Unit

Securely mount the main unit in the vehicle's dashboard using the provided installation brackets and screws. Ensure it is firmly fixed to prevent movement during driving.

4.2 Connecting Antennas

- **GPS Antenna:** Mount the GPS antenna in a location with a clear view of the sky, typically on the dashboard or under the windshield, away from metallic objects that could interfere with signal reception.
- **One-Seg TV Film Antenna:** Attach the film antenna to the inside of the windshield, following the instructions for optimal signal reception.

4.3 Wiring Connections

Connect the power harness, speaker wires, and other accessory cables (e.g., parking brake sensor, reverse gear signal) according to the wiring diagram provided in the detailed installation manual. Connect the hands-free microphone to the designated input on the main unit and position it for clear voice pickup.

5. OPERATING INSTRUCTIONS

The AVIC-EVZ05 features an intuitive touch-screen interface for controlling its various functions.

5.1 Basic Operation

Turn the vehicle's ignition to the ACC or ON position to power on the unit. The system will boot up and display the main menu. Use the 7V-type wide VGA touch monitor to select desired functions such as Navigation, AV (Audio/Video), or Bluetooth.



This image illustrates the intuitive wipe interface for controlling media playback and navigation functions on the 7V-type wide VGA monitor.

5.2 Navigation System

- **Map Display:** The system uses 8GB flash memory for map data, enhanced by Pioneer's unique ultra-compressed data technology, "L-format," for efficient storage and quick access.
- **Destination Search:** Input destinations using the on-screen keyboard or voice commands (if supported).
- **Route Guidance:** Follow visual and audio prompts for turn-by-turn directions. The built-in Crystal 3D Hybrid Sensor provides accurate vehicle positioning.
- **EV-Specific Features:** Access dedicated functions for electric vehicles, such as searching for charging points and displaying range information.

- **Traffic Information:** The built-in FM VICS tuner provides real-time traffic updates to help optimize routes.

5.3 AV Functions (Audio/Video)

- **DVD/CD Playback:** Insert a DVD or CD into the disc slot to play audio or video content.
- **One-Seg TV:** Select the TV function to watch terrestrial digital One-Seg broadcasts.
- **External Devices:** Connect compatible external audio/video sources via the appropriate input ports (if available).

5.4 Bluetooth Connectivity

The integrated Bluetooth module allows for wireless communication.

- **Hands-free Calling:** Pair your Bluetooth-enabled mobile phone to make and receive calls safely.
- **Audio Streaming:** Stream music wirelessly from your paired smartphone or other Bluetooth audio devices.

6. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your AVIC-EVZ05.

- **Cleaning the Screen:** Use a soft, dry cloth to gently wipe the touch screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **Disc Slot:** Keep the disc slot free from dust and debris. Do not insert foreign objects.
- **Software Updates:** Periodically check the Pioneer website for available software and map data updates to ensure the system operates with the latest features and information.

7. TROUBLESHOOTING

If you encounter issues with your AVIC-EVZ05, refer to the following common troubleshooting steps. For more complex problems, consult a professional or Pioneer support.

- **No Power:** Check all power connections and the vehicle's fuse box. Ensure the ignition is in the ACC or ON position.
- **No Sound:** Verify speaker connections. Check the volume level and mute settings. Ensure the audio source is correctly selected.
- **GPS Signal Loss:** Ensure the GPS antenna is properly connected and has an unobstructed view of the sky. Move the vehicle to an open area if in a covered location.
- **Touch Screen Unresponsive:** Try restarting the unit by turning the vehicle's ignition off and then on again. If the issue persists, a system reset might be necessary (refer to the full manual for reset procedures).
- **Bluetooth Connection Issues:** Ensure Bluetooth is enabled on both the AVIC-EVZ05 and your mobile device. Delete previous pairings and attempt to re-pair the devices.

8. SPECIFICATIONS

Feature	Specification
Manufacturer	Pioneer
Brand	Pioneer
Model Name	AVIC EVZ05

Feature	Specification
Product Model Number	AVIC-EVZ05
Product Dimensions (Depth x Width x Height)	16.7 x 17.8 x 10 cm
Product Weight	2.5 Kilograms
Compatible Vehicle Type	Passenger Car
Screen Size	7 Inches
Special Features	VICS/VICS WIDE, Hands-free
Connectivity Technology	Bluetooth
Map Type	Street
Memory Storage Capacity	8 GB
Human Interface Input	Buttons

9. WARRANTY AND SUPPORT

Pioneer products are manufactured to high-quality standards. This product comes with a limited warranty against defects in materials and workmanship. The specific terms and duration of the warranty may vary by region and purchase date. Please retain your proof of purchase for warranty claims.

9.1 Customer Support

For technical assistance, warranty service, or further inquiries, please contact Pioneer customer support. You can find contact information and additional resources on the official Pioneer website (www.pioneer-car.jp or your regional Pioneer website).