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## Pioneer AVIC-RZ99

# Pioneer Carrozzeria Voice Recognition Microphone Instruction Manual

Model: AVIC-RZ99 (Compatible with AVIC-RZ99 / AVIC-RW99)

## INTRODUCTION

This manual provides instructions for the proper installation, operation, and maintenance of your Pioneer Carrozzeria Voice Recognition Microphone. This microphone is designed to enable voice control and hands-free communication functions on compatible Pioneer Carrozzeria navigation systems, specifically models AVIC-RZ99 and AVIC-RW99.

Please read this manual thoroughly before using the product to ensure safe and optimal performance.

## SAFETY INFORMATION

- Ensure the microphone cable is routed safely and does not interfere with vehicle operation, such as steering or pedal use.
- Avoid exposing the microphone to extreme temperatures, direct sunlight for prolonged periods, or moisture.
- Do not attempt to disassemble or modify the microphone. This may cause damage and void any potential warranty.
- When installing, ensure all connections are secure to prevent intermittent operation.
- Exercise caution when handling the thin wiring. Damage to the wiring or microphone body can occur during installation or removal, especially if the unit has been previously installed.

## PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Voice Recognition Microphone (with 4m cable)
- Microphone Clip
- Fixed Double-Sided Tape (15 x 12 mm)
- Cable Clamps (x3)



Image: Contents of the microphone package. Shows the microphone with its cable, a clip, a small piece of double-sided tape, and three cable clamps.

## SETUP AND INSTALLATION

- Identify Connection Port:** Locate the dedicated microphone input port on your Pioneer Carrozzeria AVIC-RZ99 or AVIC-RW99 navigation system. Refer to your navigation system's manual for the exact location.
- Connect Microphone:** Insert the microphone's 3.5mm jack into the designated input port on the navigation system. Ensure a firm and secure connection. Poor contact at the terminal can lead to operational issues.
- Mount Microphone:**
  - Attach the microphone to the included clip.
  - Choose a suitable location for the microphone within the vehicle cabin. Ideal locations are typically near the driver's head, such as on the sun visor or dashboard, ensuring clear voice pickup and minimal obstruction.
  - Use the provided double-sided tape to secure the microphone clip if mounting on a flat surface. Ensure the surface is clean and dry before applying the tape.
- Route Cable:** Carefully route the 4-meter microphone cable to avoid interference with vehicle controls or passenger movement. Use the included cable clamps to secure the cable along its path, preventing it from dangling or getting caught.
- Test Functionality:** After installation, turn on your navigation system and test the voice recognition and hands-free calling functions to ensure the microphone is working correctly.



Image: The voice recognition microphone, showing its cable, clip, and connection jack, ready for installation.

## OPERATING INSTRUCTIONS

Once installed, the microphone integrates with your compatible Pioneer Carrozzeria navigation system for voice control and hands-free communication.

- **Voice Control:** Activate the voice control feature on your navigation system (refer to your navigation system's manual for specific commands). Speak clearly and at a normal volume towards the microphone.
- **Hands-Free Calling:** When a call is received or initiated through your navigation system's Bluetooth connection, the microphone will automatically be used for your voice input.
- **Optimal Performance:** For best voice recognition accuracy, ensure there is minimal background noise in the vehicle cabin. Avoid speaking too softly or too loudly.

## MAINTENANCE

- **Cleaning:** Gently wipe the microphone body with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Cable Inspection:** Periodically inspect the microphone cable for any signs of wear, cuts, or damage. Damaged cables can affect performance.
- **Connection Check:** Ensure the microphone jack remains securely connected to the navigation system. Loose connections can cause intermittent audio or non-functionality.

## TROUBLESHOOTING

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Microphone not responding / No voice input.	<ul style="list-style-type: none"> <li>Loose connection.</li> <li>Damaged cable or microphone.</li> <li>Incorrect settings on navigation system.</li> </ul>	<ul style="list-style-type: none"> <li>Check that the microphone jack is fully inserted into the navigation system's port.</li> <li>Inspect the cable for visible damage. If damaged, replacement may be necessary.</li> <li>Refer to your navigation system's manual to ensure microphone input is enabled and configured correctly.</li> </ul>
Poor voice recognition accuracy.	<ul style="list-style-type: none"> <li>Microphone placement.</li> <li>Excessive background noise.</li> <li>Speaking too softly or unclear.</li> </ul>	<ul style="list-style-type: none"> <li>Adjust microphone position closer to the driver or to a location with less obstruction.</li> <li>Reduce fan speed, close windows, or minimize other noise sources.</li> <li>Speak clearly and at a moderate volume.</li> </ul>
Intermittent operation.	<ul style="list-style-type: none"> <li>Loose connection.</li> <li>Terminal contact issues.</li> </ul>	<ul style="list-style-type: none"> <li>Ensure the microphone jack is firmly seated.</li> <li>If issues persist, the terminal contacts may be faulty, and replacement of the microphone may be required.</li> </ul>

## SPECIFICATIONS

<b>Brand</b>	Pioneer
<b>Model Number</b>	M09-CPM1083-RZ99
<b>Compatible Models</b>	Pioneer Carrozzeria AVIC-RZ99, AVIC-RW99
<b>Microphone Type</b>	Clip-on / Lapel Type
<b>Cable Length</b>	Approximately 4 meters
<b>Power Source</b>	Corded Electric (via navigation system)
<b>Included Components</b>	Microphone, Microphone Clip, Double-Sided Tape, Cable Clamps

## WARRANTY AND SUPPORT

Information regarding specific warranty terms for this product is not available in the provided data. Please refer to the documentation included with your original Pioneer Carrozzeria navigation system or contact Pioneer customer support for warranty details and technical assistance.

For further support, please visit the official Pioneer website or consult your authorized dealer.

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