

Clarion KD2L-900-NX513

Clarion Genuine NX513 Digital Terrestrial Film Antenna User Manual

Model: KD2L-900-NX513

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Clarion Genuine NX513 Digital Terrestrial Film Antenna. This product is designed to enhance the reception of digital terrestrial broadcasts for compatible Clarion navigation systems. Please read this manual thoroughly before installation and keep it for future reference.

2. SAFETY INFORMATION

- **Professional Installation Recommended:** For optimal performance and safety, installation by a qualified professional is highly recommended.
- **Avoid Obstructions:** Ensure the antenna is installed in a location free from metallic obstructions or tinting that may interfere with signal reception.
- **Clean Surface:** Before applying the film antenna, ensure the installation surface (e.g., car window) is clean, dry, and free of grease or dust.
- **Handle with Care:** The film antenna is delicate. Avoid bending, creasing, or applying excessive force during handling and installation.
- **Electrical Connections:** If any electrical connections are required, ensure they are made correctly and securely to prevent short circuits or damage.

3. SETUP AND INSTALLATION

Follow these steps for proper installation of the film antenna. Refer to the diagrams for visual guidance.

3.1. Preparation

1. **Clean the Installation Area:** Thoroughly clean the designated area on your vehicle's window where the antenna will be applied. Use a glass cleaner and ensure the surface is completely dry and free of residue.

2. **Identify Antenna Components:** Unpack the antenna and identify the main film antenna elements (L2, L3) and the connection point.

3.2. Antenna Application

3. **Position the Antenna:** Carefully peel off the protective backing from the film antenna. Align the antenna with the intended installation spot on the window. Ensure it is straight and positioned to avoid obstructions.
4. **Apply the Film:** Gently press the film antenna onto the window, starting from one end and smoothing it out to prevent air bubbles. Use a soft cloth or squeegee to remove any trapped air.
5. **Connect to Navigation System:** Route the antenna cable to your Clarion navigation system. Connect the antenna's coaxial cable to the corresponding antenna input port on the navigation unit. Ensure the connection is secure.



Figure 1: Diagram showing the Clarion NX513 film antenna with labeled components L2 and L3, indicating the main reception elements and connection point.



Figure 2: Overview of the Clarion NX513 film antenna, illustrating its compact design for discreet installation.

4. OPERATING INSTRUCTIONS

The Clarion NX513 film antenna is a passive component designed to receive digital terrestrial broadcast signals. Its operation is integrated with your Clarion navigation system.

- **Power On Navigation System:** Turn on your Clarion navigation system.
- **Select TV/Digital Broadcast Mode:** Access the TV or digital terrestrial broadcast function on your navigation system.
- **Auto Scan for Channels:** Perform an auto-scan for channels as instructed by your navigation system's user manual. The antenna will receive available signals.
- **Signal Strength:** Monitor the signal strength indicator on your navigation system. Optimal placement and clear line of sight to broadcast towers will improve reception.

5. MAINTENANCE

The Clarion NX513 film antenna requires minimal maintenance.

- **Cleaning:** If the antenna surface becomes dirty, gently wipe it with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the film.
- **Inspection:** Periodically inspect the antenna for any signs of damage, such as peeling, tears, or loose connections.
- **Avoid Relocation:** Once installed, avoid attempting to peel off and reapply the antenna, as this may damage the adhesive and affect performance.

6. TROUBLESHOOTING

If you experience issues with digital terrestrial broadcast reception, consider the following:

- **Poor or No Reception:**
 - Check all cable connections to ensure they are secure.
 - Verify that the antenna is correctly installed on a clean, unobstructed surface.
 - Ensure your Clarion navigation system is set to the correct input/mode for digital TV.
 - Perform a channel auto-scan on your navigation system.
 - Consider your geographical location; signal strength can vary significantly. Moving the vehicle to a different location might improve reception.
 - Obstructions like tall buildings, mountains, or heavy vehicle tinting can affect signal quality.
- **Intermittent Signal:**
 - This can often be due to environmental factors or movement. Ensure the antenna is firmly attached.
 - Check for any loose wiring or damaged sections of the antenna film.

7. SPECIFICATIONS

Feature	Detail
Brand	Clarion

Model Number	KD2L-900-NX513
Product Type	Digital Terrestrial Film Antenna
Compatibility	Clarion NX513 Navigation Systems (and compatible models)
Antenna Type	Film Antenna (Passive)
ASIN	B07MBVVQFR

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your Clarion navigation system or contact Clarion customer service directly. Keep your proof of purchase for warranty claims. For further assistance, please visit the official Clarion website or consult your authorized Clarion dealer.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question