Clarion KD2-902-sNX713

Clarion Genuine NX713 Digital Terrestrial Film Antenna Set

Instruction Manual

1. Product Overview

This manual provides instructions for the installation and maintenance of the Clarion Genuine NX713 Digital Terrestrial Film Antenna Set. This antenna set is designed to enhance the digital terrestrial broadcast reception for compatible Clarion navigation systems.

Package Contents:

- Film Antenna Elements (4 pieces)
- Antenna Cables (4 pieces)
- Adhesive Pads (pre-attached or separate)
- Instruction Manual (this document)



Figure 1: Clarion NX713 Digital Terrestrial Film Antenna Set. This image shows the complete antenna set, including the film antenna elements and connecting cables, as typically packaged.

2. Safety Information

Please read all safety instructions carefully before installation and use. Failure to follow these instructions may result in damage to the product, vehicle, or personal injury.

- Ensure the vehicle's ignition is off and the battery is disconnected before beginning installation to prevent electrical shorts.
- Do not obstruct the driver's view or interfere with airbag deployment when installing antennas on the windshield.
- Handle film antennas carefully to avoid creasing or damaging the conductive elements.
- Keep out of reach of children.

3. Setup and Installation

Proper installation is crucial for optimal reception. It is recommended to have this product installed by a qualified professional.

3.1 Preparation:

1. Clean the inner surface of the windshield thoroughly where the antennas will be applied. Use a glass cleaner and ensure no dust, grease, or moisture remains.
2. Determine the optimal placement for each antenna element. Typically, two elements are placed on the upper left and two on the upper right side of the windshield, away from metallic obstructions.

3.2 Antenna Application:



Figure 2: Antenna Element Diagram. This diagram illustrates the individual film antenna elements, showing the adhesive points (A1, A2, A3) and connection points (L1, L2, L3) for proper installation on the windshield.

1. Carefully peel off the protective backing from the adhesive side of each film antenna element. Avoid touching the adhesive surface.
2. Align the antenna element precisely with the chosen location on the windshield. Apply gentle pressure from one end to the other to prevent air bubbles.
3. Ensure all adhesive points (A1, A2, A3 as shown in Figure 2) are firmly attached to the glass.

3.3 Cable Connection:

1. Connect the corresponding antenna cables to the connection points (L1, L2, L3 as shown in Figure 2) on each film antenna element. Ensure a secure connection.
2. Route the antenna cables neatly along the vehicle's pillars and headliner, ensuring they do not interfere with vehicle operations or safety features. Use cable clips or ties if necessary.
3. Connect the other end of the antenna cables to the designated antenna inputs on your Clarion navigation system. Refer to your navigation system's manual for specific input locations.

4. Operating Instructions

Once installed, the film antenna set operates passively to receive digital terrestrial broadcasts. Its function is to provide the necessary signal to your Clarion navigation system's tuner.

- Turn on your Clarion navigation system.
- Select the digital terrestrial TV function on your navigation system.
- Perform a channel scan as per your navigation system's instructions to detect available broadcasts.
- The quality of reception will depend on local signal strength and environmental factors.

5. Maintenance

The Clarion film antenna set requires minimal maintenance.

- Regularly inspect the antenna elements on the windshield for any signs of peeling or damage.

- Clean the windshield around the antennas with a soft, damp cloth. Avoid using abrasive cleaners or excessive force directly on the film elements.
- Ensure all cable connections remain secure.

6. Troubleshooting

Problem	Possible Cause	Solution
Poor or no TV reception	Loose or incorrect cable connections. Antenna elements not properly adhered. Obstructions (e.g., metallic tint, large objects) blocking signal. Weak signal area. Faulty navigation system tuner.	Check and secure all antenna cable connections to both the film elements and the navigation system. Ensure film antennas are fully adhered to the windshield without air bubbles or creases. Relocate the vehicle to an area with known good signal strength. Consult your Clarion navigation system's manual for troubleshooting its tuner.
Antenna peeling off windshield	Improper surface cleaning before application. Extreme temperature fluctuations. Damage to adhesive.	Re-clean the area and reapply with new adhesive if possible, or replace the antenna element. Ensure application is done in moderate temperatures.

7. Specifications

- **Model:** NX713 (Antenna Set)
- **Manufacturer Reference:** KD2-902-sNX713
- **Type:** Digital Terrestrial Film Antenna
- **Compatibility:** Designed for Clarion navigation systems (refer to your specific navigation unit's manual for compatibility).
- **Antenna Elements:** 4 pieces

8. Warranty and Support

This Clarion Genuine product is manufactured to high standards, ensuring reliable performance and quality.

For warranty information and technical support, please refer to the documentation provided with your Clarion navigation system or visit the official Clarion website. Keep your purchase receipt as proof of purchase.

For inquiries regarding this antenna set, please contact your point of purchase or an authorized Clarion service center.

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