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Panasonic NX617

Panasonic OEM Clarion NX617 Digital Terrestrial Film Antenna GT13 Code Set User Manual

Model: NX617 | Brand: Panasonic

Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Panasonic OEM Clarion NX617 Digital Terrestrial Film Antenna GT13 Code Set. This genuine Panasonic OEM product is designed to ensure reliable performance and high-quality reception for digital terrestrial broadcasting in your vehicle. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

What's Included

Verify that all the following components are present in your package:

- Film Antennas: 4 pieces (2 for left side, 2 for right side)
- Antenna Codes (Cables): 4 pieces (2 for left side, 2 for right side)
- Double-sided adhesive tape for film antenna installation.

Note: A GPS antenna is not included in this set and must be acquired separately if required.



Image 1: All components included in the Panasonic OEM Clarion NX617 Digital Terrestrial Film Antenna GT13 Code Set. This includes four film antennas and four antenna cables.

Setup and Installation Guide

Proper installation is crucial for optimal reception. Follow these steps carefully.

1. Preparation

1. Ensure the vehicle's ignition is off and the battery is disconnected to prevent electrical hazards.
2. Clean the inner surface of the windshield where the film antennas will be attached. Use a glass cleaner and ensure the surface is dry and free of dust or grease.
3. Identify the correct placement for each film antenna. Refer to your car navigation system's manual for specific antenna input locations (e.g., front left, front right, rear left, rear right).

2. Film Antenna Installation

1. Carefully peel off the protective backing from the double-sided adhesive tape on the film antenna.
2. Align the film antenna precisely on the designated area of the windshield. Ensure there are no air bubbles between the antenna and the glass. Press firmly from the center outwards to secure it.
3. Repeat this process for all four film antennas. Ensure they are positioned symmetrically and do not obstruct your view.



Image 2: Detail of the film antenna and its GT13 type connector. Ensure proper alignment and firm adhesion during installation.

3. Antenna Code Connection

1. Connect each antenna code to its corresponding film antenna. The connectors are GT13 type. Ensure a secure and snug fit.
2. Route the antenna codes neatly along the vehicle's interior, typically under the headliner, A-pillars, and dashboard, towards the car navigation unit. Use cable clips or tape to secure the cables and prevent interference with vehicle operations.
3. Connect the other end of each antenna code to the appropriate antenna input terminals on your Clarion NX617 car navigation system. Refer to your navigation system's manual for the exact port locations.

Antenna Navishop

Image 3: Close-up of the antenna cable connection point. Ensure the GT13 connector is fully inserted and locked into place.

4. Final Steps

1. Reconnect the vehicle battery.
2. Turn on the car navigation system and perform an antenna setup or channel scan as per your navigation unit's instructions.
3. Verify that all digital terrestrial TV channels are received clearly.

Operating Instructions

Once installed, the film antenna set works in conjunction with your Clarion NX617 car navigation system to receive digital terrestrial television broadcasts. The operation of the TV function is primarily controlled through your navigation unit.

- **Power On:** Turn on your car navigation system.
- **Select TV Mode:** Navigate to the TV function on your navigation unit's interface.

- **Channel Scan:** If you haven't already, perform an automatic channel scan to detect available digital terrestrial TV channels in your area. This is usually found in the TV settings menu.
- **Channel Selection:** Use the navigation system's controls to browse and select desired TV channels.
- **Reception Quality:** Reception quality may vary depending on your location, vehicle speed, and surrounding environment (e.g., tunnels, tall buildings, mountainous areas).

For detailed operation of the TV features, please refer to the user manual provided with your Clarion NX617 car navigation system.

Maintenance

The Panasonic OEM Clarion NX617 film antenna set requires minimal maintenance to ensure long-term performance.

- **Cleaning:** Keep the windshield area where the film antennas are attached clean. Avoid using abrasive cleaners or tools that could damage the antenna film.
- **Inspection:** Periodically check the film antennas for any signs of peeling or damage. Ensure the antenna codes are securely connected and not pinched or frayed.
- **Avoid Interference:** Do not place metallic objects or other electronic devices directly on or near the film antennas, as this can interfere with reception.

Troubleshooting

If you experience issues with digital terrestrial TV reception, consider the following troubleshooting steps:

Problem	Possible Cause	Solution
No TV signal or poor reception.	◦ Antenna not properly connected. ◦ Antenna film peeling or damaged. ◦ Poor signal strength in the area. ◦ Obstructions (buildings, tunnels). ◦ Incorrect settings on navigation unit.	◦ Check all antenna code connections to the film antennas and the navigation unit. Ensure they are secure. ◦ Inspect film antennas for damage or poor adhesion. Re-install if necessary. ◦ Move to an area with better signal coverage. ◦ Perform a channel rescan on your navigation system. ◦ Consult your Clarion NX617 navigation system manual for TV settings.
Picture freezing or pixelation.	◦ Weak signal. ◦ Interference.	◦ Try moving to a different location. ◦ Ensure no metallic objects are near the antennas. ◦ Check for any loose connections.

If the problem persists after trying these solutions, please contact your car navigation system dealer or a qualified technician for assistance.

Product Specifications

Feature	Detail
Brand	Panasonic
Compatible Navigation Model	Clarion NX617 (OEM Compatible)
Antenna Type	Digital Terrestrial TV Film Antenna
Connector Type	GT13
Number of Antennas	4 (Film Antennas)
Number of Cables	4 (Antenna Codes)
Manufacturer Reference	PD42ks523-NX617
ASIN	B07NV7YH8S

Warranty and Support

This product is a genuine Panasonic OEM part. For specific warranty information, please refer to the warranty documentation provided with your original car navigation system or contact the point of purchase. For technical support related to the antenna's performance or compatibility with your Clarion NX617 unit, please consult your car navigation system's manufacturer or an authorized service center.
For general inquiries or assistance, you may also refer to the official Panasonic support channels available on their website.

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