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## Panasonic CN-R500WD1

# Panasonic Strada CN-R500WD1 Digital TV Film Antenna & GPS Metal Sheet Set

Model: CN-R500WD1 (Kit Model: aPD32ksSet)

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## 1. INTRODUCTION

This instruction manual provides essential information for the proper installation and use of the Panasonic Strada CN-R500WD1 Digital TV Film Antenna and GPS Metal Sheet Set. This genuine Panasonic product is designed to replace or upgrade the digital TV reception and GPS positioning capabilities of your compatible car navigation system, specifically the Panasonic Strada CN-R500WD1. Please read this manual thoroughly before installation and retain it for future reference.



Image 1.1: Overview of the Panasonic Strada Digital TV Film Antenna and GPS Metal Sheet Set.

## 2. SAFETY INFORMATION

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Always observe the following safety precautions to prevent injury or damage to the product and your vehicle:

- **Professional Installation Recommended:** Installation of car electronics can be complex. If you are unsure about any step, consult a qualified professional installer.
- **Disconnect Power:** Before beginning any installation, ensure the vehicle's battery is disconnected to prevent electrical shorts or damage.
- **Avoid Obstruction:** Do not install antennas or cables in locations that obstruct the driver's view, interfere with airbags, or impede vehicle controls.
- **Handle with Care:** Film antennas are delicate. Avoid creasing or tearing them during application.
- **Use Correct Tools:** Use only appropriate tools for installation. Improper tools can cause damage.
- **Secure Cables:** Route and secure all cables properly to prevent them from interfering with vehicle operation or becoming damaged.

## 3. PACKAGE CONTENTS

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

- **Genuine Film Antennas:** 4 sheets (2 for left side, 2 for right side)
- **Antenna Cables:** 4 cables (2 for left side, 2 for right side)
- **GPS Metal Sheet:** 1 sheet (for enhancing GPS signal stability)
- **Cleaner:** 1 sheet (for preparing installation surface)

**Note: The GPS antenna itself is not included in this set. This set provides a GPS metal sheet to enhance the performance of an existing or separately purchased GPS antenna.**



Image 3.1: Film antennas, antenna cables, and cleaner included in the set.



Image 3.2: The GPS metal sheet and example of product packaging.

## 4. SETUP (INSTALLATION)

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Follow these steps carefully for optimal performance. Ensure the vehicle's power is off and the battery is disconnected before starting.

### 4.1. Preparing the Installation Surface

1. Choose a clean, flat area on the inside of your vehicle's windshield for the film antennas. Refer to your car navigation system's manual for recommended placement.
2. Use the provided cleaner sheet to thoroughly clean the chosen areas on the windshield. Ensure there is no dust, grease, or moisture. Allow the surface to dry completely.

### 4.2. Installing the Film Antennas

1. Carefully peel off the protective backing from one film antenna. Avoid touching the adhesive surface.
2. Align the film antenna precisely on the cleaned windshield surface. Ensure the 'A' and 'B' markings on the antenna match the corresponding cable connections.
3. Smoothly apply the antenna from one end to the other, pressing firmly to remove any air bubbles.
4. Repeat for the remaining three film antennas, ensuring correct left/right and A/B placement as per your navigation system's requirements.



Image 4.1: A single digital TV film antenna, showing connection points.

### 4.3. Connecting the Antenna Cables

1. Connect the appropriate antenna cables to the corresponding film antennas (A to A, B to B). Ensure a secure connection.
2. Route the antenna cables neatly along the vehicle's interior, tucking them under trim panels to avoid obstruction and damage.
3. Connect the other end of the antenna cables to the digital TV antenna input ports on your Panasonic Strada CN-R500WD1 navigation unit. These connectors are typically VR1 type.



Image 4.2: Example of a VR1 type connector used for antenna cables.

### 4.4. Installing the GPS Metal Sheet

1. Identify the location of your existing GPS antenna (if applicable) or the recommended placement for a new

GPS antenna near your navigation unit.

2. Clean the surface where the GPS metal sheet will be placed.
3. Peel off the protective backing from the GPS metal sheet and adhere it to a flat, non-metallic surface, ideally directly beneath or very close to your GPS antenna. This sheet helps to stabilize and improve the GPS signal reception.

## 5. OPERATING INSTRUCTIONS

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Once the installation is complete and the vehicle's battery is reconnected:

- **Digital TV Reception:** Turn on your Panasonic Strada CN-R500WD1 navigation system and select the digital TV function. The newly installed film antennas will provide enhanced reception for terrestrial digital broadcasts. Perform an auto-scan for channels if necessary.
- **GPS Positioning:** The GPS metal sheet works in conjunction with your GPS antenna to improve the accuracy and stability of your navigation system's positioning. Ensure your GPS antenna is properly connected to the navigation unit.

## 6. MAINTENANCE

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To ensure the longevity and optimal performance of your antenna set:

- **Cleaning:** Keep the film antennas on the windshield clean. Use a soft, damp cloth to gently wipe them. Avoid abrasive cleaners or excessive force.
- **Cable Inspection:** Periodically check the antenna cables for any signs of wear, kinks, or damage. Ensure all connections remain secure.
- **Avoid Damage:** Do not attempt to peel off or reposition the film antennas once installed, as this can damage them and reduce adhesive effectiveness.

## 7. TROUBLESHOOTING

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If you encounter issues, refer to the following common problems and solutions:

### 7.1. Poor Digital TV Reception

- **Check Connections:** Ensure all antenna cables are securely connected to both the film antennas and the navigation unit.
- **Antenna Placement:** Verify that the film antennas are correctly positioned on the windshield, away from metallic obstructions or tinting that might block signals.
- **Signal Strength:** Digital TV reception can vary by location. Try moving the vehicle to an area with known good signal coverage.
- **Navigation Settings:** Consult your Panasonic Strada CN-R500WD1 manual to ensure TV reception settings are correctly configured.

### 7.2. Inaccurate or Unstable GPS Positioning

- **GPS Antenna Connection:** Ensure your GPS antenna (not included in this set) is properly connected to the navigation unit.
- **GPS Metal Sheet Placement:** Verify the GPS metal sheet is correctly adhered beneath or near your GPS antenna to provide optimal signal enhancement.
- **Obstructions:** Ensure the GPS antenna itself has a clear view of the sky and is not obstructed by metallic

objects or tinted windows.

- **Navigation Settings:** Check your navigation system's GPS settings for any diagnostic information.

## 8. SPECIFICATIONS

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<b>Brand</b>	Panasonic
<b>Compatible Navigation Model</b>	Panasonic Strada CN-R500WD1
<b>Kit Model Number</b>	aPD32ksSet(513(P99--R500WD1
<b>Antenna Type</b>	Terrestrial Digital TV Film Antenna
<b>Antenna Connector Type</b>	VR1
<b>GPS Enhancement</b>	GPS Metal Sheet for signal stability
<b>Package Contents</b>	4x Film Antennas, 4x Antenna Cables, 1x GPS Metal Sheet, 1x Cleaner

## 9. WARRANTY AND SUPPORT

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This product is a genuine Panasonic part, ensuring high quality and compatibility with your Panasonic Strada CN-R500WD1 navigation system.

For any questions regarding installation, troubleshooting, or product defects, please contact the seller from whom you purchased this product. You may also refer to the official Panasonic customer support channels for general inquiries about Panasonic products.

Please retain your proof of purchase for warranty purposes.