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› [Panasonic](#) /

› [Panasonic Car Navigation Strada CN-E310D User Manual](#)

Panasonic CN-E310D

Panasonic Car Navigation Strada CN-E310D User Manual

Model: CN-E310D

1. INTRODUCTION

This user manual provides detailed instructions for the installation, operation, and maintenance of your Panasonic Car Navigation Strada CN-E310D system. Please read this manual thoroughly before using the product to ensure correct operation and to prevent damage. Keep this manual in a safe place for future reference.

The CN-E310D is a 7V type car navigation system featuring a 2019 map database, Bluetooth audio connectivity, VICS WIDE traffic information, One-Seg TV tuner, and support for SD and CD media playback.

2. SAFETY INFORMATION

- **Driving Safety:** Always prioritize safe driving. Do not operate the navigation system or view videos while driving. Distraction can lead to accidents.
- **Volume Control:** Keep the volume at a level that allows you to hear outside traffic sounds. Excessive volume can impair hearing and be dangerous.
- **Power Supply:** Connect the unit only to a 12V DC negative ground power supply. Incorrect wiring can cause fire or malfunction.
- **Installation:** Ensure the unit is securely installed to prevent it from detaching during sudden stops or impacts. Consult a qualified professional for installation if you are unsure.
- **Moisture and Heat:** Avoid exposing the unit to moisture, rain, or extreme temperatures. This can cause electric shock or damage.
- **Cleaning:** Use a soft, dry cloth for cleaning. Do not use abrasive cleaners or solvents.

3. PACKAGE CONTENTS

Before installation, verify that all items are present in the package:

- Panasonic Car Navigation Strada CN-E310D Main Unit
- GPS Antenna (4m cable)
- Power Cable
- Instruction Manual (this document)
- Warranty Card

- Mounting Hardware (screws, brackets)

4. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and safety. It is highly recommended to have this unit installed by a qualified professional.

4.1. Installation Overview

The CN-E310D is designed for a standard 180mm double-DIN mounting slot. Ensure your vehicle has adequate space and compatible wiring harnesses.



Image: Panasonic Car Navigation Strada CN-E310D installed in a car dashboard, displaying a navigation map. The unit is centrally mounted, showing a map with route information, current location, and estimated arrival time. Vehicle controls are visible below the unit.

4.2. Wiring Connections

1. **Power Connection:** Connect the main power cable to the vehicle's 12V DC power supply (constant, accessory, and ground wires). Ensure proper polarity.
2. **GPS Antenna:** Mount the GPS antenna in a location with a clear view of the sky, typically on the dashboard or under the windshield. Route the cable carefully to the unit.
3. **Speaker Connections:** Connect the speaker output wires to your vehicle's speakers. Observe correct positive and negative terminals.
4. **Parking Brake Wire:** Connect the parking brake wire to the vehicle's parking brake circuit. For safety, certain video functions are only available when the parking brake is engaged.

5. **Other Connections:** Connect any optional accessories such as a reverse camera, external amplifier, or steering wheel control interface as per their respective manuals.

4.3. Initial Setup

- After installation, turn on the vehicle's ignition. The unit will power on.
- Follow the on-screen prompts to set the initial language, time zone, and other basic settings.
- Allow the GPS receiver to acquire satellite signals. This may take a few minutes during the first use.

5. OPERATING INSTRUCTIONS

This section details the primary functions of your CN-E310D navigation system.

5.1. Navigation System

- **Map Display:** Touch the "MAP" icon on the home screen to view the navigation map. You can zoom in/out using the +/- buttons or pinch gestures on the touch panel.
- **Destination Search:**
 - a. From the map screen, select "MENU" then "Destination Search".
 - b. Choose your preferred search method: Address, POI (Point of Interest), Phone Number, or History.
 - c. Enter the destination details using the on-screen keyboard.
 - d. Confirm the destination and select "Set as Destination" to begin route guidance.
- **Route Guidance:** Once a destination is set, the system will calculate the optimal route and provide turn-by-turn voice and visual guidance.
- **VICS WIDE:** The system supports VICS WIDE for real-time traffic information. This data is automatically integrated into route calculations and displayed on the map to help avoid congestion.

5.2. Audio Functions

- **CD Playback:** Insert an audio CD into the disc slot. Playback will start automatically. Use the on-screen controls for play, pause, skip, and track selection.
- **SD Card Playback:** Insert an SD card containing audio files (e.g., MP3, WMA) into the SD card slot. Select "SD" from the audio source menu to browse and play music.
- **Radio Tuner:** Select "Radio" from the audio source menu. Use the seek/scan functions to find stations or manually tune to a frequency. Save your favorite stations as presets.

5.3. Bluetooth Connectivity

- **Pairing a Device:**
 - a. On the CN-E310D, go to "MENU" > "Bluetooth Settings" > "Pairing".
 - b. Enable Bluetooth on your mobile device and search for available devices.
 - c. Select "CN-E310D" from the list on your device.
 - d. Confirm the pairing code on both devices if prompted.
- **Hands-Free Calling:** Once paired, you can make and receive calls directly through the navigation system. Use the on-screen dial pad or access your phone's contact list.
- **Bluetooth Audio Streaming:** Select "Bluetooth Audio" as the source. Play music from your paired device, and it will stream wirelessly to the CN-E310D.

5.4. One-Seg TV

- Select "One-Seg TV" from the main menu.
- The system will automatically scan for available One-Seg channels.
- Use the on-screen controls to change channels and adjust settings. Note that TV viewing is restricted while the vehicle is in motion for safety reasons.

6. MAINTENANCE

- **Screen Cleaning:** Gently wipe the touch screen with a soft, lint-free cloth. For stubborn smudges, slightly dampen the cloth with water or a screen cleaner specifically designed for electronics. Do not spray cleaner directly onto the screen.
- **General Cleaning:** Keep the unit free from dust and debris. Use a soft brush or compressed air to clean around buttons and vents.
- **Software Updates:** Periodically check the Panasonic support website for any available software or map updates for your CN-E310D model. Follow the instructions provided with the update carefully.

7. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions before contacting customer support.

Problem	Possible Cause	Solution
No power	Loose power connection, blown fuse.	Check power cables and vehicle fuses. Ensure proper wiring.
No GPS signal	GPS antenna obstructed or improperly connected.	Ensure the GPS antenna has a clear view of the sky. Check antenna connection to the unit.
Bluetooth device won't pair	Device not in pairing mode, incorrect code, interference.	Ensure both devices are in pairing mode. Re-enter pairing code. Move closer to the unit.
No sound	Volume too low, mute activated, speaker wiring issue.	Increase volume. Check if mute is active. Verify speaker connections.
Touch screen unresponsive	Temporary software glitch.	Restart the unit by turning off and on the vehicle ignition. If problem persists, consult support.

8. SPECIFICATIONS

Feature	Detail
Model Name	CN-E310D
Brand	Panasonic
Memory	SSD 8GB
Screen Size	7V Type Wide VGA
Screen Operation	Pressure-sensitive Touch Panel
Map Data Version	2019 Edition

Feature	Detail
Special Features	VICS / VICS WIDE
Connectivity	Bluetooth
Mounting Size	180mm
Product Dimensions (D x W x H)	18.3 x 17.8 x 10 cm
Product Weight	2 kg
Included Components	GPS Antenna (4m)

9. WARRANTY AND SUPPORT

9.1. Warranty Information

This Panasonic product is covered by a limited warranty. Please refer to the warranty card included in your package for specific terms, conditions, and duration of coverage. Keep your proof of purchase for warranty claims.

9.2. Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact Panasonic customer support. You can find contact information on the official Panasonic website or on your warranty card.

Panasonic Official Website: www.panasonic.com