

Clarion QSV-800-591

Clarion QSV-800-591 SD Navigation Version Upgrade ROAD EXPLORER SA8.0 User Manual

1. INTRODUCTION

This manual provides essential instructions for the proper use, installation, and maintenance of the Clarion QSV-800-591 SD Navigation Version Upgrade, featuring ROAD EXPLORER SA8.0 map data. Please read this manual thoroughly before proceeding with the upgrade to ensure correct operation and to prevent any potential issues.

2. PRODUCT OVERVIEW

The Clarion QSV-800-591 is an SD card designed to upgrade the navigation map data on compatible Clarion in-dash navigation systems to ROAD EXPLORER SA8.0. This upgrade provides the latest available road network information, points of interest, and navigation features for an enhanced driving experience. The SD card has a capacity of 16GB and contains the 2019 annual version update.



Image 1: The product packaging for the Clarion QSV-800-591 SD Navigation Version Upgrade, alongside the physical 16GB SD card. The packaging indicates compatibility with ROAD EXPLORER SA 8.0 and lists compatible navigation unit models and previous map versions that can be upgraded.

3. COMPATIBILITY

This SD Navigation Version Upgrade is compatible with specific Clarion navigation units and requires a previous version of the ROAD EXPLORER SA map data to be installed.

3.1 Compatible Navigation Unit Models

- NX714
- NX714W
- NX614
- NX614W

3.2 Target Map Versions for Upgrade

The following ROAD EXPLORER SA map versions are eligible for this upgrade:

- ROAD EXPLORER SA 3.0
- ROAD EXPLORER SA 4.0
- ROAD EXPLORER SA 5.0
- ROAD EXPLORER SA 6.0

- ROAD EXPLORER SA 7.0

Ensure your navigation unit and current map version meet these requirements before proceeding with the upgrade.

4. SETUP AND INSTALLATION

Follow these steps carefully to install the SD Navigation Version Upgrade.

1. **Preparation:** Ensure your vehicle's ignition is turned off and the navigation unit is completely powered down. It is recommended to disconnect the vehicle's battery if you are unsure about the unit's power state.
2. **Locate SD Card Slot:** Identify the SD card slot on your Clarion navigation unit. This is typically located behind a removable panel or screen, or directly on the unit's face. Consult your navigation unit's specific manual if you cannot locate it.
3. **Remove Old SD Card (if applicable):** If your unit uses a removable SD card for map data, carefully eject the existing map SD card. Store it in a safe place as a backup.
4. **Insert New SD Card:** Insert the Clarion QSV-800-591 SD card into the designated slot. Ensure it is inserted correctly and fully seated. Do not force the card.
5. **Power On Unit:** Reconnect the vehicle's battery (if disconnected) and turn on the vehicle's ignition. Power on your Clarion navigation unit.
6. **Follow On-Screen Prompts:** The navigation unit should detect the new map data. Follow any on-screen instructions to initiate the map data installation or activation process. This may involve confirming the upgrade, entering a license key (if provided separately), or restarting the unit.
7. **Completion:** Once the installation is complete, the unit will typically restart. Verify the new map version in the system settings.

Important: Do not remove the SD card or power off the unit during the installation process, as this may corrupt the map data or damage the navigation system.

5. OPERATING INSTRUCTIONS

After successful installation, the navigation unit will operate with the updated ROAD EXPLORER SA8.0 map data. The core functionality of your navigation system remains unchanged, but with improved and current map information.

5.1 Verifying the Map Version

To confirm that the upgrade was successful, navigate to the system information or map settings menu on your Clarion unit. The displayed map version should now indicate ROAD EXPLORER SA8.0 or a similar designation confirming the update.

5.2 Using Navigation Features

Proceed to use your navigation system as usual. Test common functions such as:

- Destination search (address, points of interest)
- Route calculation
- Map display and zooming
- Voice guidance

If any issues arise, refer to the Troubleshooting section or your navigation unit's primary user manual.

6. MAINTENANCE

Proper care of your SD card ensures its longevity and reliable performance.

- **Handling:** Always handle the SD card by its edges. Avoid touching the metal contacts.
- **Cleaning:** If necessary, gently wipe the metal contacts with a clean, dry, lint-free cloth. Do not use liquids or abrasive materials.
- **Storage:** When not in use, store the SD card in its protective case or a similar anti-static container to prevent dust, dirt, and static damage.
- **Environmental Conditions:** Avoid exposing the SD card to extreme temperatures, direct sunlight, high humidity, or strong magnetic fields.
- **Data Backup:** While this SD card contains the primary map data, it is always good practice to back up any personal data or settings from your navigation unit if it allows.

7. TROUBLESHOOTING

If you encounter problems during or after the upgrade, refer to the following common issues and solutions.

7.1 SD Card Not Recognized

- **Check Insertion:** Ensure the SD card is fully and correctly inserted into the slot.
- **Clean Contacts:** Remove the card and gently clean the metal contacts with a dry cloth.
- **Compatibility:** Double-check that your navigation unit model is listed as compatible in Section 3.1.
- **Power Cycle:** Turn off the navigation unit and vehicle ignition, wait a few minutes, then restart.

7.2 Map Data Installation Failure

- **Do Not Interrupt:** Ensure the installation process is not interrupted by power loss or card removal.
- **Restart Process:** If safe to do so, try restarting the installation process from the beginning.
- **Previous Map Version:** Verify that your existing map version is one of the target versions listed in Section 3.2.

7.3 Incorrect Map Data Displayed

- **Verify Version:** Check the map version in your unit's settings to confirm the upgrade to SA8.0.
- **GPS Signal:** Ensure your vehicle has a clear view of the sky for proper GPS signal acquisition.
- **Unit Reset:** Perform a soft reset of your navigation unit if available (consult your unit's manual).

For persistent issues, contact Clarion customer support or a qualified service technician.

8. SPECIFICATIONS

Feature	Detail
Product Model Number	QSV-800-591
Brand	Clarion

Map Version	ROAD EXPLORER SA 8.0 (2019 Annual Version Update)
Storage Capacity	16 GB
Compatible Navigation Units	NX714, NX714W, NX614, NX614W
Manufacturer	Clarion Co., Ltd.
Item Weight	20 g
Package Dimensions	19 x 13.8 x 1.8 cm
Date First Available	29 July 2022

9. WARRANTY AND SUPPORT

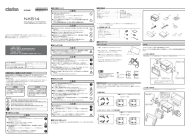
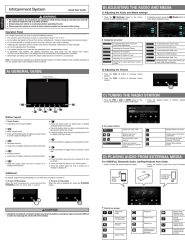
This product is covered by Clarion's standard manufacturer warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official Clarion website.

For technical support, troubleshooting assistance beyond this manual, or warranty claims, please contact Clarion customer service. Have your product model number (QSV-800-591) and your navigation unit's model number ready when contacting support.

Clarion Co., Ltd.
Made in Japan
Product Identifier: 290-1244-10

For the latest support information and contact details, please visit the official [Clarion website](#).

Related Documents - QSV-800-591

	<p>Clarion NX514 Installation Guide: Smart Access Link AV Navigation System</p> <p>Comprehensive installation manual for the Clarion NX514, a 6.2-inch Smart Access Link AV navigation system with One-segment, DVD, and SD capabilities. Includes safety precautions, wiring diagrams, and vehicle-specific installation tips.</p>
	<p>Clarion 55T0 Infotainment System Quick User Guide</p> <p>A concise guide to operating the Clarion 55T0 Infotainment System, covering general usage, audio settings, radio tuning, media playback, Bluetooth handsfree, Apple CarPlay, Android Auto, and technical specifications.</p>



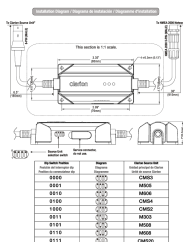
[Clarion XC Series Amplifiers \(XC2510, XC2410, XC2110\) Owner's and Installation Manual](#)

This manual provides comprehensive owner's and installation information for Clarion XC Series amplifiers, including models XC2510, XC2410, and XC2110. It covers features, precautions, controls, operations, installation, wiring, troubleshooting, specifications, and limited warranty.

Owner's Manual
PP-4360

[Owner's Manual for PP-4360 Audio Display](#)

Comprehensive owner's manual for the PP-4360 Audio Display, covering system overview, common operations, Bluetooth, iPod, Apple CarPlay, Siri, Android Auto, and declaration of conformity.



[Clarion MW6 NMEA 2000 Interface Installation and Wiring Guide](#)

Detailed installation diagram and wiring illustrations for the Clarion MW6 NMEA 2000 interface module, connecting Clarion source units to NMEA 2000 networks. Includes dip switch settings and configuration options.



[Clarion CMR-20 Marine Wired Remote with LCD Display Owner's Manual](#)

Owner's manual for the Clarion CMR-20 Marine Wired Remote with LCD Display, detailing installation, general controls, IP67 water resistance, and warranty information for marine and powersports audio systems.