

## DSC HS2LCDRF9 N

# DSC HS2LCDRF9 N PowerSeries Neo Hardwired Keypad User Manual

Model: HS2LCDRF9 N

## 1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of the DSC HS2LCDRF9 N PowerSeries Neo Hardwired Keypad with Built-in PowerG Transceiver. This keypad serves as a primary interface for the PowerSeries Neo hybrid security system, offering a full message LCD display and integrated wireless capabilities.

The HS2LCDRF9 N keypad is designed for clear communication and ease of use, featuring a slim profile suitable for various environments. It is compatible with DSC PowerSeries Neo control panels including HS2016, HS2032, HS2064, and HS21218.

## 2. SETUP AND INSTALLATION

Proper installation is crucial for the reliable operation of your security system. It is recommended that installation be performed by a qualified security professional.

### 2.1 Unpacking and Inspection

Carefully unpack the keypad and inspect it for any signs of damage. Ensure all components listed in the packaging are present.

### 2.2 Mounting the Keypad

Select a suitable indoor location for the keypad, typically near an entry/exit point, where it is easily accessible and visible. Avoid mounting near sources of electromagnetic interference or in direct sunlight.

- Open the keypad housing carefully.
- Mark the mounting holes on the wall using the keypad's base as a template.
- Drill pilot holes and secure the keypad base to the wall using appropriate screws.



Figure 1: DSC HS2LCDRF9 N Keypad with its protective cover open, revealing the full message LCD display and numeric keypad. The display shows "System is Ready to Arm".

## 2.3 Wiring Connections

The HS2LCDRF9 N is a hardwired keypad. Connect the keypad to the PowerSeries Neo control panel using the appropriate wiring terminals. Refer to the control panel's installation manual for specific wiring diagrams and power requirements.

- Ensure power to the control panel is disconnected before making any wiring connections.

- Connect the keypad's power and data terminals to the corresponding terminals on the control panel.
- The keypad also features an I/O terminal for either zone input or programmable output; configure this as required by your system design.

## 2.4 Initial Power-Up and Configuration

Once all wiring is complete and secure, restore power to the control panel. The keypad will power on and typically display an initialization sequence. Follow the control panel's programming instructions to enroll the keypad and configure its settings, including partition assignments and programmable function keys.

## 3. OPERATING INSTRUCTIONS

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The HS2LCDRF9 N keypad provides a user-friendly interface for managing your security system.

### 3.1 LCD Display

The keypad features a 2x16 character blue backlit LCD display that provides system status, prompts, and event messages. Read the display carefully for instructions and information.

### 3.2 Keypad Buttons

The keypad includes large, white backlit numeric buttons (0-9, \*, #) and dedicated function keys.

- **Numeric Keys:** Used for entering access codes and programming data.
- **Programmable Function Keys:** Five dedicated keys can be programmed for quick access to common functions (e.g., Stay Arm, Away Arm, Door Chime). Refer to your installer for specific programming.
- **Panic Keys:** Three separate keys are available for emergency situations (e.g., Fire, Medical, Police). Press and hold the designated keys simultaneously to activate.

### 3.3 Arming and Disarming the System

To arm or disarm your security system, enter your valid user code on the keypad. The display will confirm the system's status.

- **Arming:** Enter your user code. The system will typically provide an exit delay countdown.
- **Disarming:** Enter your user code. This will disarm the system and silence any alarms.

### 3.4 Door Chimes

The keypad supports multiple door chimes per zone. This feature provides an audible alert when a designated zone (e.g., a door or window) is opened while the system is disarmed. Consult your installer for chime configuration.

### 3.5 Partition Support

The keypad supports up to 8 partitions, allowing different areas of a property to be armed and disarmed independently. Your installer will configure partition access and control based on your security needs.



Figure 2: DSC HS2LCDRF9 N Keypad with its protective cover closed, displaying the DSC brand logo and the blue backlit LCD screen.

## 4. MAINTENANCE

The DSC HS2LCDRF9 N keypad requires minimal maintenance to ensure continued reliable operation.

- **Cleaning:** Use a soft, dry cloth to clean the keypad's surface. Do not use abrasive cleaners, solvents, or spray directly onto the keypad.
- **Environmental Conditions:** Ensure the keypad is kept within its specified operating temperature and humidity ranges. Avoid exposure to extreme temperatures, moisture, or direct sunlight.
- **Regular Testing:** Periodically test your security system, including the keypad's functionality, in accordance with your security provider's recommendations.

## 5. TROUBLESHOOTING

This section addresses common issues you might encounter with your keypad.

Problem	Possible Cause	Solution
Keypad display is blank.	No power to the keypad or control panel; wiring issue.	Check power supply to the control panel. Verify all wiring connections are secure. Contact your installer if the issue persists.
Keypad is unresponsive to button presses.	Keypad frozen; communication issue with control panel.	Try entering a valid code again. If unresponsive, power cycle the control panel (consult installer). Check for system trouble indicators.

Problem	Possible Cause	Solution
"System is Ready to Arm" message persists.	All zones are closed and system is ready for arming.	This is a normal status message. If you wish to arm, enter your user code. If you expect the system to be armed, ensure you have entered the code correctly.
Unexpected chimes or alerts.	Zone open; chime feature active.	Check the display for the zone causing the chime. Ensure all doors/windows are closed. If the chime is unwanted, consult your installer for configuration adjustments.

## 6. SPECIFICATIONS


Feature	Detail
Model Number	HS2LCDRF9 N
Brand	DSC
Display Type	Full Message 2x16 Character LCD, Blue Backlit
Connectivity Technology	Hardwired
Integrated Transceiver	Built-in PowerG Transceiver
Compatible Control Panels	HS2016, HS2032, HS2064, HS21218
Programmable Function Keys	5
Panic Keys	3 Separate Keys
Partition Support	Up to 8 Partitions
I/O Terminal	For Zone or Programmable Output
Product Dimensions	7.75 x 5 x 2.25 inches
Item Weight	1 pound
Power Source	Corded Electric

## 7. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your DSC PowerSeries Neo control panel or contact your authorized DSC dealer or installer. DSC products are typically covered by a limited warranty against defects in materials and workmanship.

For technical support, installation assistance, or service, please contact your security system installer or the DSC customer support line. Do not attempt to service the keypad yourself, as this may void the warranty and could compromise the security of your system.

You can find additional resources and contact information on the official DSC website.

	<p><a href="#">HS2TCHP E Touchscreen User Manual - DSC Security</a></p> <p>User manual for the DSC HS2TCHP E Touchscreen, providing instructions and information on its features, operation, and safety for PowerSeries Neo and Pro alarm systems.</p>
	<p><a href="#">DSC PowerSeries Neo HS2LED/HS2ICON/HS2LCD Installation Instructions</a></p> <p>This document provides installation instructions for DSC PowerSeries Neo HS2LED, HS2ICON(P) (RF)X, and HS2LCD(P)(RF)X keypads, detailing mounting, wiring, programming, and wireless device configuration.</p>
	<p><a href="#">DSC PowerSeries Neo Keypad Installation &amp; Programming Manual</a></p> <p>Comprehensive installation and programming guide for DSC HS2LED, HS2ICN(P), and HS2LCD(P)(RF) security system keypads, covering features, wiring, and configuration for optimal performance.</p>
	<p><a href="#">DSC PowerSeries Neo Keypad Installation Guide HS2LED HS2ICON HS2LCD</a></p> <p>Comprehensive installation instructions for DSC PowerSeries Neo HS2LED, HS2ICON(P)(RF)X, and HS2LCD(RF)(P)X keypads, covering specifications, mounting, wiring, language programming, and wireless device setup. This guide provides detailed steps for installers to configure and troubleshoot the security keypads and compatible wireless devices.</p>
	<p><a href="#">DSC PowerSeries Neo Keypad Installation and Programming Manual</a></p> <p>Comprehensive installation, programming, and troubleshooting guide for DSC PowerSeries Neo HS2LED, HS2ICN, and HS2LCD series keypads. Learn about specifications, wiring, device enrollment, and system configuration for your security system.</p>
	<p><a href="#">Troubleshooting DSC PowerSeries Neo Installer Code Validation Errors</a></p> <p>A guide to resolving the "Your Installer Code has Not Been Validated" error on DSC PowerSeries Neo panels, ensuring proper communication with Alarm.com.</p>