

DSC PC1404

DSC Power Series Control Panel PC1404 User Manual

Model: PC1404

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the DSC Power Series Control Panel PC1404. This system is designed to provide reliable security for your premises. Please read this manual thoroughly before attempting any installation or operation.

IMPORTANT SAFETY INFORMATION

- Installation should only be performed by qualified personnel.
- Disconnect all power sources before servicing the unit.
- Ensure proper grounding to prevent electrical shock.
- Do not expose the control panel to moisture or extreme temperatures.
- Use only DSC approved components and accessories.

PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- DSC PC1404 Control Panel Board
- DSC PC1404 Keypad
- Metal Enclosure Box

SETUP AND INSTALLATION

1. Mounting the Metal Enclosure Box

Select a secure, dry location for mounting the metal enclosure box. Ensure it is easily accessible for wiring but out of reach of unauthorized personnel.



Image: The open metal enclosure box, showing pre-drilled mounting holes and internal layout for component installation.

1. Mark the desired mounting points on the wall using the enclosure's pre-drilled holes as a template.
2. Drill pilot holes if necessary and secure the enclosure to the wall using appropriate fasteners.

2. Installing the Control Panel Board

Carefully install the PC1404 control panel board inside the metal enclosure. Ensure it is securely fastened to prevent movement.



Image: The green circuit board of the DSC PC1404 control panel, showing various electronic components and terminal blocks.

1. Align the control panel board with the standoffs inside the enclosure.
2. Secure the board using the provided screws or clips.

3. Connecting the Keypad

Connect the PC1404 keypad to the control panel using the appropriate wiring. Refer to the wiring diagram for correct terminal connections.



Image: The white DSC PC1404 keypad with numerical buttons and function keys, used for arming and disarming the alarm system.

1. Connect the keypad's red, black, yellow, and green wires to the corresponding terminals on the control panel.
2. Ensure all connections are secure and properly insulated.

4. Power Connection

Connect the system to a reliable power source. The PC1404 operates on corded electric power.

1. Connect the AC transformer to the control panel's AC terminals.
2. Connect the backup battery (if applicable) to the battery terminals.
3. Plug the AC transformer into a non-switched electrical outlet.

OPERATING INSTRUCTIONS

Arming the System

To arm the system, ensure all zones are closed (no open doors/windows). Enter your 4-digit user code on the keypad.

- **Stay Arming:** Press **[Stay]** then your user code. This arms the perimeter zones, allowing movement within the protected area.
- **Away Arming:** Press **[Away]** then your user code. This arms all zones, including interior motion detectors.

Disarming the System

To disarm the system, enter your 4-digit user code. This will silence any active alarms and disarm all zones.

Bypassing Zones

If a zone needs to be temporarily disarmed while the rest of the system is armed, you can bypass it.

1. Press **[*]** then **[1]**.
2. Enter the 2-digit zone number(s) to bypass.
3. Press **[#]** to exit.

MAINTENANCE

Regular maintenance ensures the optimal performance and longevity of your DSC alarm system.

- **Battery Check:** Test the backup battery annually. Replace if it fails to hold a charge.
- **System Test:** Perform a full system test monthly, including all sensors and the siren, to ensure proper functionality.
- **Cleaning:** Gently wipe the keypad and control panel enclosure with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Wiring Inspection:** Periodically inspect all wiring for signs of wear, damage, or loose connections.

TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Keypad is blank	No power to the control panel or keypad.	Check AC power connection and backup battery. Ensure transformer is plugged in.
System will not arm	Open zone(s) or system trouble condition.	Check keypad for open zone indicators. Close all doors/windows. Check for trouble lights and consult the manual for specific trouble codes.
False alarms	Faulty sensor, improper installation, or environmental factors.	Identify the zone causing the false alarm. Inspect the sensor for damage or obstructions. Adjust sensor sensitivity if applicable.
Siren not sounding	Siren wiring issue or faulty siren.	Check siren connections to the control panel. Test the siren directly if possible.

TECHNICAL SPECIFICATIONS

Feature	Detail
Model Number	PC1404
On-board Zones	4 (expandable to 8 with zone doubling)
PGM Outputs	2 (expandable to 14 with PowerSeries Output modules)
Keypad Support	Up to 4 keypads (LCD5511, LED5511Z, PC1404, PK5500, PK5501, PK5508)
Partitions	1
Event Buffer	128 events
Communication	On-board PSTN, 4 phone numbers, PC-Link Support for DLS
Power Source	Corded Electric
Manufacturer	DSC
UPC	702188346863

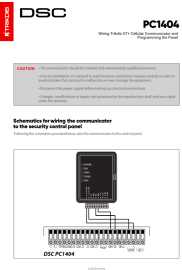

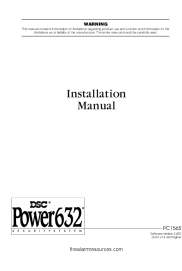



WARRANTY AND SUPPORT

For specific warranty information, please refer to the documentation provided at the time of purchase or contact your

authorized DSC dealer. For technical assistance or questions regarding system configuration, please reach out to your installer or the product support team.

Note: Manuals may be sent via email for smaller postage charges. For any questions about support or building an alarm system, feel free to ask.

Related Documents - PC1404

	<p>PC1404 GT+ Cellular Communicator Wiring and Protegus App Setup Guide</p> <p>Detailed guide for wiring the DSC PC1404 GT+ Cellular Communicator to a security control panel and setting it up using the Protegus mobile application. Includes LED status indications and installation steps.</p>
	<p>DSC PowerSeries Neo HS2LED/HS2ICON/HS2LCD Installation Instructions</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>DSC Power632 PC1565 Installation Manual</p> <p>Detailed installation manual for the DSC Power632 PC1565 security system, covering setup, wiring, programming, and system features for installers.</p>
	<p>DSC Power632 PC1555MX Installation Manual</p> <p>Comprehensive installation manual for the DSC Power632 PC1555MX security system, covering wiring, programming, features, and troubleshooting.</p>
	<p>TL-150 IP Alarm Communicator Installation Guide DSC</p> <p>Detailed installation instructions for the DSC TL-150 Residential IP Alarm Communicator. Learn how to connect, configure, and program the device for your security system.</p>
	<p>DSC PowerSeries Neo Security System User Manual</p> <p>Comprehensive user manual for the DSC PowerSeries Neo HS2016, HS2032, HS2064, and HS2128 series alarm panels. Learn how to operate, arm, disarm, and maintain your security system, including keypad functions, emergency features, and user management.</p>